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# Crawford



# Avalanche

Co. of Crawford  
8-20-30

JUSTICE AND RIGHT

VOLUME FIFTY TWO

GRAYLING, MICHIGAN, NOVEMBER 6, 1930

OSCAR P. SCHUMANN, Editor and Proprietor

NUMBER 46

## Says WILL ROGERS

BEVERLY HILLS.—Well all I know is just what I read in the papers, or what I find out one way or another.



Here a couple of weeks ago I wrote a Sunday Article and it mentioned the Donner Party at Donner Lake as being our only case of Cannibalism ever practiced in our abundant Country. Well then some man wrote me and told me of a case of a man named Packer in Colorado, and so I wrote a Daily prescription about him, stating the Judge's charge to the Jury, and admonishing him for eating up all the Democrats in the County. If he had just eat up a Republican why the Judge (a fine old high type Democrat from Arkansas) would have perhaps given the man a pension instead of a sentence. Well now we got that much straight.

Well now comes a long and very interesting letter from a man named N. E. Guyot, whose letterhead says Kingman Arizona, and he gives me the exact details of this last case. It seems he was in Colorado at the time. Now a lot of folks thought I was just kidding when I wrote of this Packer, and the story of the Democrats but it was the gospel truth. I certainly wouldn't make light of a thing so serious as eating a Democrat. We are reaching a time in our existence when we need every one we can muster. We got to get some prosperity mixed up in our National existence. So I certainly was serious and was relating a historical fact. But wait, let Mr. Guyot tell you—"It was in the Northwestern part of Colorado, San Juan mountains, ten miles from the Town of Lake City, on a plateau that is called on Government survey, 'Cannibal Plateau.' It was here that Packer through a severe snow storm, murdered and devoured his Prospector companions." Now those are some mere facts but here is the things I want you to get, its the history of this fellow Packer before he started in snuffing out the minority party. Packer was a Harvard Graduate, and graduated in '66. He was a Law Student and started practicing in Boston. What I am getting at is that the only case of a person fully devoured human flesh was the Alumni of the great Harvard. So Harvard has not only produced the least understandable English in our fair land, but produced the only living Cannibal.

Then he was a Lawyer, that of course seems natural, their profession is an outgrowth of the cannibal profession, they generally skin em alive. Packer did have the good taste to destroy em and get em out of their misery. Most Lawyers delight in seeing their victims suffer. It was the winter of '72 and '73. There was six Companions, and they were all well equipped with provisions. But in the snow they got lost from their Burros. Mr. Guyot in his letter says that it was the first time, and perhaps the last that a Lawyer was ever permitted to accompany a band of Prospectors into the mountain. He always waits till they go out and find it, and then he gets his share by showing em where to sign their name. But Packer was afraid they would come back and find another Lawyer so he just went along with em. But what strange that a Lawyer is never allowed out with Prospectors?

Well it seems there was dissension from the start over allowing him to come along, and in his trial afterwards, he said that he heard them plotting to kill and eat him. But that didn't go with the Judge and Jury. They knew no man could ever get so hungry that they would eat a Lawyer.

Now I was wrong in one little misstatement about the case. I had heard he was hung. He was not. Colorado was then a Territory and the game laws did not protect Democrats. Even to this day in some states it would not be considered illegal to eat one. So they gave him forty years in Canyon City Jail. That was a little over six years for each one he ate. You would have to eat at least ten or more to get life according to Colorado Justice. Along in '99 when Civilization and the Denver Post hit us, why them and other papers started a campaign to release him. There was a tight election coming on, and them being Republicans, they wanted to let him out hoping he would eat up some more Democrats before November 4th.

After this Packer fellow was released from the Jail, he went to Cripple Creek and inserted an advertisement in the local papers, asking for men with means to accompany him on a prospecting trip. Not a Soul went. Oh Yes! I forgot to tell you he was the Son of a missionary, and in his youth had spent some time in the South Sea Islands. That's how he acquired this taste. A Missionary, a Lawyer, a Harvard Graduate. I want to tell you if literacy is a blessing.

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WILBER M. BRUCKER  
Governor

## WILBER BRUCKER ELECTED GOVERNOR

CLOSE CONTESTS MARK COUNTY ELECTION

Grayling Has Heaviest Vote Since DuPont Time

Heavy voting and close contests proved to be the order of the day at the general election held last Tuesday. The last ballot was number 730 and was put into the ballot box just at the eleventh hour—6:00 p. m.

Wilbur Brucker, Republican, was easy victor in the state race. William Comstock, Democrat, for the office of governor and the whole Republican ticket was swept into office along with him at even greater majorities.

The big battle in the county was over the offices of sheriff, clerk and register of deeds. Right up to the time of receiving the last outlying report was the result uncertain. Sheriff E. E. Bobbmeyer, Republican, was held down by James McDonnell, Democrat, to a majority of ten.

Mrs. Eva Reagan, Republican candidate for register of deeds had a margin of only 17 votes over Leo Schram, the Democratic candidate.

Oliver B. Scott, a Republican running on slips, was quite out-distanced. Just what effect his entry into the race had on the outcome between the other two candidates is difficult to determine, and in which opinions differ.

Axel M. Peterson, Democrat, was victorious candidate for the office of County clerk and the only Democrat to be elected. He had a majority over Lyle Milks, Republican, of 47 votes.

William Ferguson, Republican, for treasurer was easily re-elected, having a majority over Clayton Straehly of 453.

A tabulated report showing just how each township in the county as a whole voted for each candidate appears herewith and is very interesting to study.

The campaigns for the office of sheriff, clerk and register of deeds were very exciting and interesting races, even tho they were terrifying to the contestants. First one candidate would be ahead in the count and then another would garner in a few votes and the result was only determined when the last township reports came in.

James McDonnell, Democratic candidate for sheriff made a remarkable run, and came within 10 votes of winning. Mr. Bobbmeyer probably is as good a sheriff as we ever had, but some believed that he had held the office long enough.

The three-cornered race for Register of Deeds was nobody's victory until the last votes were counted. Mrs. Reagan, the Republican candidate had some opposition because of being a woman. That office is being filled by a woman in many of the

## The SPIRIT of ARMISTICE DAY



counties in the state and wherever that is so it has almost always proven very satisfactory. It's a class of public office that may easily be handled by a woman possessing accuracy and clerical ability. Leo Schram, the Democratic candidate is a Grayling boy and was in every way deserving of the big vote accorded him. He worked hard in the campaign and put up a good, clean contest. Oliver B. Scott, slip candidate, had the usual handicap that goes with that job, and in this instance he had little chance to win. Mrs. Reagan was born in Grayling, graduated from Grayling high school, served four years as clerk in Grayling postoffice. Now she has to be the breadwinner for herself and young daughter and we are sure she appreciates the opportunity of serving in this county office.

While the result was not as close in the contest for clerk between Lyle Milks, Republican, and Axel Peterson, Democrat, yet the race was a spirited one. There probably aren't two finer young men in Grayling than these. Lyle has made his own way ever since he was 15 years of age. He worked for the market and put himself

thru high school. It is past chance, and this feature alone will be highly lor of Portage Lodge K. of P. and for maintaining.

Axel Peterson was born in Grayling of Portage Lodge K. of P. and for maintaining. Several years past he has been in the employ of the Ames Burrows market, and attended Grayling school. For doing their pay for the day, it is the Grayling Creamery. He is a hard worker and is honest and reliable.

To Win. Ferguson goes the honor of receiving the greatest number of votes in a county contested campaign, while James Comstock for U. S. Senator held the honor on the entire ticket.

Amendments Lost  
All five amendments lost by wide margins and showed that the public generally was against its interests. Reports indicate their defeat in the state also.

## AN INSPIRATION INSTITUTE

TEACHERS, SCHOOL OFFICERS AND OTHERS INTERESTED IN THE CAUSE OF EDUCATION

Lay aside your several duties and come to the Grayling High School auditorium on Tuesday, November 11th. This will be a one day institute. The forenoon program will begin at 9 Eastern Standard Time.

Miss Ina Kelly, and Superintendent Pearce will speak both in the forenoon and afternoon. There will be no meeting in the evening as mentioned in last week's issue. "The Challenge of Teaching" is the subject chosen for Mr. Pearce in the forenoon, and in the afternoon, "Definite Teaching Aims," each a live issue that should be heard by a large audience. Miss Kelly's subjects were not mentioned but she is a well known educator and no one interested in education, and we all should be, can afford to miss her instruction.

I earnestly urge the teachers of the county to use their influence in securing the presence of as many as possible of their older students. The program will be a great help and inspiration to them. This is also an appeal to the high school students, and especially to the seniors of Grayling and Frederic. There will be many helpful suggestions for school officers and I do hope to see you present. There are a number in the county who have taught, but are not teaching at the present time. This institute is also for you.

Superintendent Burns of the Grayling schools has promised to have the program well interspersed with music

## HOME ECONOMICS CLUB ENJOYS HALLOWEEN PARTY

One of the cleverest Halloween parties of the season was held by the High School Home Economics club. There were 65 present at the party. Invited guests included the grade and high school teachers.

The party was held in the gymnasium which was attractively decorated in keeping with the Halloween spirit. Elizabeth Kraus being in charge of this.

The masquerades worn by everyone present were very charming and unique. A grand march, led by Clara Atkinson, president of the club, and Beverly Schauble, chairman of the Program committee, was held during the course of the evening. The Misses Dort, Granger and Jacques future.

acted as judges of the ceremony. Virginia Kraus was awarded the prize for the cleverest costume and Bernice Palmer the most humorous. Miss Virginia and Claire Jacques furnished a bit of entertainment for the guests by giving a delightful Apache dance.

Games, fortune telling and dancing kept everyone entertained during the evening. Margaret Warren played the piano for the dancing.

Jean Peterson proved to be a very capable chairman of the refreshment committee, and during the evening served a most pleasing lunch.

Miss Thelma, the Home Economics instructor, states that the club has made some very worth-while plans which it hopes to carry out in the future.

## Tabulated Report of Tuesday's Election

	Grayling	Frederic	Maple Forest	Lavells	South Branch	Beaver Creek	Total	Majority
U. S. Senator								
Couzens, R.	543	73	29	24	69	34	772	576
Weadock, D.	146	6	11	11	11	17	196	
Governor								
Brucker, R.	433	67	24	19	63	31	649	235
Comstock, D.	268	14	20	19	19	24	364	
Lt. Governor								
Dickinson, R.	456	71	29	22	59	29	666	386
Sawyer, D.	209	7	15	13	15	21	280	
Seely State								
Fitzgerald, R.	466	73	29	19	61	29	678	412
Abbott, D.	193	7	15	13	18	20	266	
State Treas.								
Lawrence, R.	464	71	29	19	63	31	677	414
Stebbins, D.	193	7	15	13	16	19	263	
Auditor General								
Fulmer, R.	467	72	29	19	66	31	665	606
Stack, D.	190	7	15	13	15	19	259	
Attorney General								
Voorhies, R.	468	76	29	19	62	31	679	420
Kirkby, D.	188	7	15	13	17	18	259	
Justice Supreme Court								
Butzel, R.	464	71	29	19	62	32	677	413
Henry, D.	194	7	15	13	17	17	264	
Congress								
Woodruff, R.	524	7	24	10	34	19	700	540
Haller, D.	157	7	13	11	12	16	216	
State Senator								
Carpenter, R.	504	72	32	26	65	34	743	
Representative								
G. n. R.	493	72	32	21	64	34	716	
Pros. Attorney								
Ansley, R.	544	72	35	22	66	34	777	
Sheriff								
Bobbmeyer H.	387	41	16	18	33	19	517	10
McDonnell, D.	331	40	13	21	47	35	507	
County Clerk								
Milks, R.	325	48	16	19	46	27	481	
Peterson, D.	384	32	32	18	35	27	528	47
County Treas.								
Ferguson, R.	433	69	34	27	60	38	721	453
Straehly, D.	202	9	13	11	18	16	268	
Register of Deeds								
Reagan, R.	306	37	8	7	25	17	400	17
Schram, D.	279	10	36	27	10	21	383	
Scott, R.	109	35	3	3	47	16	213	
Circuit Court Com.								
Nellist, R.	468	65	28	22	73	41	717	
Co. Road Com.								
McNamara, R.	493	68	29	22	33	30	708	441
Tetu, D.	197	9	16	13	14	18	267	
Coroner								
Kraus, R.	389	62	21	23	57	27	574	198
Peterson, D.	260	17	24	18	35	25	384	
Judge								
Sorenson, R.	492	70	31	24	59	31	707	448
Kristen, D.	188	7	15	13	16	20	259	
Surveyor								
Houghton, R.	519	73	33	32	73	38	768	

## Fill Your empty Sockets

WHEN lamps burn out or become blackened and inefficient have a handy carton of spare lamps on hand ready for use wherever needed.

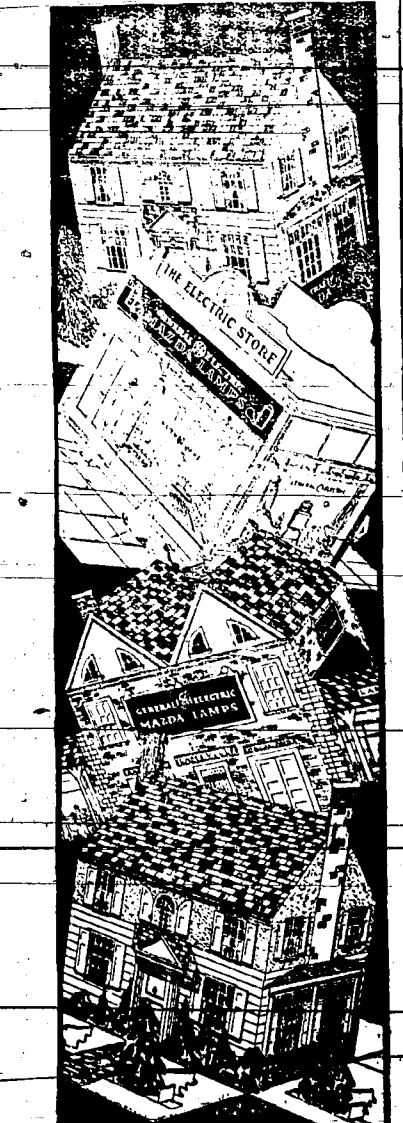
Get these new special toy cartons of MAZDA lamps at the new low prices. On the back of the carton are full instructions for the proper lighting of the home. It provides a handy container in which to keep spare lamps and it is a desirable toy for the children.

You may secure house cartons of various sizes of lamps at the following new low prices:

## GENERAL ELECTRIC MAZDA LAMPS

PRICE LIST
6-100 Watt Lamps -- \$1.89
6-60 Watt Lamps -- 1.08
6-50 Watt Lamps -- 1.08
6-40 Watt Lamps -- 1.08
6-25 Watt Lamps -- 1.08

Michigan Public Service Co.  
Telephone 134



## ARE YOU Prepared for Winter?

Now is the Time to Get Your

## STORM SASH

AND

## Combination Storm and Screen Doors!

Phone 62

and we shall be glad to come and measure your windows and doors for same.

## Grayling Box Co.





VILLAGE COUN  
PROCE

Meeting held on the  
October A. D. 1930, Gray  
Meeting called to ord  
dent C. W. Olsen.  
Trustees present: Thot  
A. L. Roberts, Emil Gie  
Shaw and A. J. Josey  
Frank Sales.  
Minutes of last meetin  
approved.  
Report of Finance Com  
to the President and  
the Common Council of  
of Grayling:  
Your committee on Fin  
and Accounts respectfully  
that the accompanying bi  
ed as follows:

- 1 Michigan Public Serv
- 2 Michigan Public Serv
- 3 Michigan Public Serv
- 4 Michigan Public Serv
- 5 Michigan Public Serv
- 6 Michigan Public Serv
- 7 Michigan Public Serv
- 8 Michigan Public Serv
- 9 Michigan Public Serv
- 10 Tri-County Telephone
- 11 Grayling Hardware Co.
- 12 Drs. Keyport & C
- 13 Corwin Auto Sales, Inc.
- 14 P. R. Deckrow, Inv.
- 15 Busby Garage, Inv.
- 16 Grayling Box Co., Inc.
- 17 E. T. Eastman, Inv.
- 18 M. C. R. R. Co., Inv.
- 19 Standard Oil Co., Inv.
- 20 Grayling Machine Sh
- 21 O. P. Schumann, Inv.
- 22 Hanson Hardware Co.
- 23 Earl W. Nelson, Inv.
- 24 Fairbanks, Morse & C
- 25 Len Isenbauer, paym

O. K. with the excepti  
No. 12 which is to be re  
Board of Supervisors f  
ment.

Moved by Thomas C  
supported by E. G. Shi  
bills be allowed as read  
drawn on the Treasurer  
Yes and no vote. Th  
slav, Roberts, Giegling  
Joseph. Motion carried.  
WHEREAS, a petition  
filed by a majority of  
owners of land abutting  
Avenue from the end of  
pavement to the Town  
questing the improvement  
of said street.

AND WHEREAS, the  
said street has been th  
vestigated and has been  
in need of such improv  
sure the public health a  
the community.

AND WHEREAS, the  
council of road experts  
quested and given to  
especially by J. W. Pe  
State Highway Departm  
AND WHEREAS, this  
found it to be advantage  
economical to construct  
known and described  
Asphalt pavement.

AND WHEREAS, it is  
by this body that such a  
be obtained most econo  
one J. W. Pennycook.

NOW THEREFORE

## DIRECTO

DR. C. J. CR

Dentist

Office—Hanson Hard  
rooms: 8:30 to 12—  
Evening by appointment  
Closed Thursday after

## BUSINESS AND PRO

## PROBATE CC

Crawford County,  
Sessions:—First and T  
of every mon  
Hours:—9:00 to 11:00  
1:30 to 5:00 p. m.

Any information and  
ing in connection with  
be had at my office at S  
GEORGE SORE  
Judge of Prob

## MAC &amp; GID

Registered Plar

Phones

18 and 341 Gi

## BANK OF GRA

Kuever for to Crawford

change—Hon

MARIUS HAN

Proprietor

Interest paid on certifi

cate. Collections prior

to. All accommodati  
that are consistent with  
satisfactory banking.

Marius Hanson, I

Dr. C. R. Keyport Dr.

D. E. Keyport &amp;

PHYSICIANS AND S

Office Hours—2-4, 7-8

by appoi

## FREE METHODIST

(South Side

Sunday services:

Sabbath School—10:00

Préaching Service 11:00

Evangelistic Services

Everybody invited.

REV. JAM

## G. F. DeLaM

## SURVEY

Maps, Plans and Pla

and Stream Dev

HIGHWAY SU

G. F. DeLaMatter

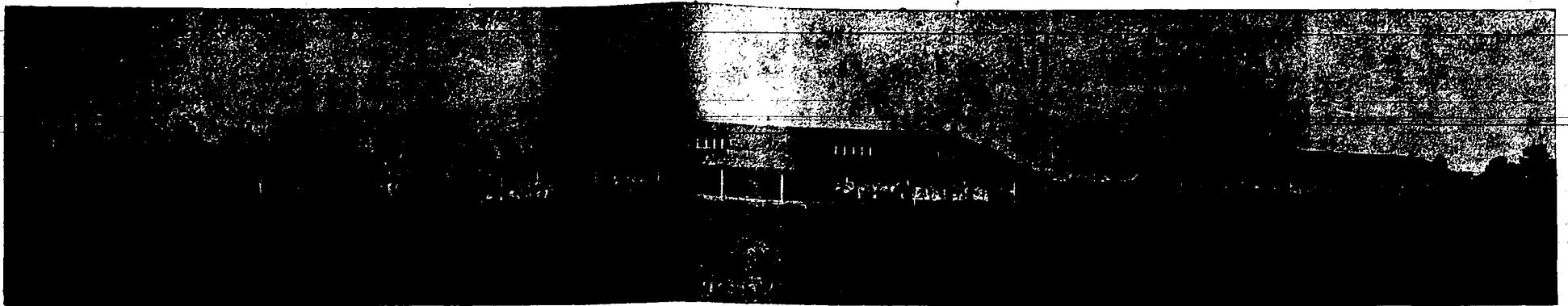
Frank N. Smith.

## Crawford Avalanche

POTATO AND APPLE SHOW SUPPLEMENT

GRAYLING, MICHIGAN, THURSDAY, NOVEMBER 6, 1930

FOURTH ANNUAL EDITION



The above picture is of the District 4-H Club Camp (Camp Gay-Gug-Lun) at Gaylord, where the Eighth Annual Potato Show was held. Campbell Hall at left is where the potato exhibits were placed; Lunden Hall in center is the dining hall where all banquets and the programs were held; Ming Hall at right was used for farm machinery exhibits. Each building is 70x160 feet, and is the Northern Michigan 4-H Club Camp for Boy and Girl Club members from twenty-seven Counties.

Benzonia Winner  
of Choir ContestELEVEN CHURCH CHOIRS COM-  
PETE FOR R. E. OLDS SING-  
ING PRIZES FRIDAY.

With eleven choirs, from all over  
twenty-three counties of upper Michi-  
gan competing for the premiums offer-  
ed by the R. E. Olds Church and  
Community choir singing prizes, the  
two judges, Fred Killeen, assistant  
director of the State Institute of  
Music, and Professor Glenn McCrack-  
er of M. E. C. had a big job on their  
hands Friday morning in determin-  
ing who were the best singers in  
this section of the state. R. W. Ten-  
ny, director of short courses, M. E.  
C., represented the Fund and was  
chairman of the meeting.

Twelve choirs had sent in appli-  
cations, but for some reason Ros-  
common did not put in an appear-  
ance. The eleven were chosen to  
sing in the order named: Mackinac  
City, Brethren, Heron, Elk Rapids,  
East Jordan, Bellaire, Atwood, Van-  
derbilt, Kaleva, Harrisville and Ben-  
zon. Kaleva brought its singers  
125 miles to take part, and Brethren,  
over 130 miles, and both these choirs  
were here before ten o'clock last  
time.

It would be impossible to discuss  
each choir as they deserve. Suffice  
to say that it was the best contest  
ever held here, with more choirs  
competing by 50 per cent. Prof.

Killeen stated that the singing was  
a credit to any locality and that  
any of the choirs would give a good  
account of themselves in any  
company.

The interpretation of music, as  
(Continued on last page)

Where and How  
to Place FertilizerCARE SHOULD BE USED IN  
PROPERLY APPLYING PLANT  
FOOD

The seed piece of the potato and  
young potato sprouts are extremely  
sensitive to fertilizer injury, and not  
only must direct contact be avoided,  
but no fertilizer should be placed  
either directly above or directly be-  
low the seed, according to O. F. Jen-  
sen of the National Fertilizer Associ-  
ation, who addressed the Potato  
show visitors the first day.

"In my opinion, he remarked, row  
application of fertilizers for potatoes  
is more efficient than broadcast up  
to any ordinary amount. Certainly  
for rates up to 500 to 600 pounds per  
acre, row application is to be recom-  
mended.

"The fertilizer attachment on the  
potato planter is on the whole a very  
satisfactory implement. Manufactur-  
ers of farm implements seem to have  
devoted more study to potato planter  
fertilizer attachments than to fertil-  
izer attachments for other crops. In  
the most approved types of potato  
planter and fertilizer attachments,  
the fertilizer is applied in two fur-  
rows ahead of the planter furrow  
open, which splits the ridge be-  
tween the fertilizer furrows. Discs  
then cover both seed and fertilizer,  
with a partial mixing with the soil.  
The attachment can be regulated so  
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Economy and Equal-  
ization are Michigan's  
Present Tax Needs

"The time has come to speak out  
plainly on the subject of taxation,"  
This was the opening remark of R.  
Wayne Newton, Director of Taxation,  
Michigan State Farm Bureau, who  
addressed the Thursday afternoon  
visitors at the Potato and Apple  
Show. "If taxes are too high in  
Michigan, it is because the people  
have sanctioned a system which  
makes it too easy to increase the  
public expenditures and too hard to  
reduce them. Moreover, the State  
has alternately commanded and per-  
suaded the local districts to spend  
the taxpayer's money without show-  
ing any appreciable interest in see-  
ing to it that the money so spent  
is wisely used.

"Michigan needs genuine budget-  
ing laws, effective on every tax lev-  
ied. She needs a review law  
that will give overburdened taxpay-  
ers an opportunity to rebuke and  
veto any and all extravaganzas of  
local officers. And she needs an  
auditing system that will subject  
(Continued on last page)

Emmet Co. Grower  
Irrigates PotatoesEXPERIMENT PROVES PROFIT-  
ABLE TO J. D. ROBINSON  
AND OFFERS NEW IDEA

Reading about irrigating potatoes,  
and actually knowing of its worth,  
especially when applied to potatoes  
grown in Michigan, are two different  
things. By actual experience, J. D.  
Robinson, Emmet County certified  
seed potato grower, has found that  
this year, irrigated potatoes will  
yield 61 bushels more per acre than  
unirrigated ones. His irrigated po-  
tatoes yielded 843 bushels per acre  
while his unirrigated ones produced  
only 282.

Last year, at the Top O' Michigan  
Potato and Apple Show, this grower  
and exhibitor there, was lauded  
highly for his achievement of win-  
ning four first places in the peck  
and bushel class of both Rural Rus-  
sets and Irish Cobbles. It was he  
who, along in the third week of Au-  
gust, after watching his fine stand  
of Rural Russets going down be-  
cause of drought, convinced himself  
that irrigation of potatoes in Michi-  
gan might prove profitable.

So with his dream of how to put  
the experiment into practice, togeth-  
er with a few helpful aids gathered  
through the Agricultural Engineer-  
ing Department of Michigan State  
College, he was able within a few  
days to perfect his plans, set up his  
equipment and start work. A field  
of four and a half acres, with rows  
running east and west, was to be ir-  
rigated. The contour of the field  
was such that it dipped to the east  
a bit and more so to the south. Be-  
cause of this, the matter of distrib-  
uting the water by means of  
troughs was quite successful.

The water supply was a small  
stream better than a quarter of a  
mile from the field. Where the  
stream crossed a township road a  
2,000 gallon storage tank was erect-  
ed and was set high enough so that  
the water could be pumped into it by  
a gasoline engine and water from it  
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Six Hundred Three Ex-  
hibits Potatoes - Apples  
at Eighth Annual ShowFOUR HUNDRED FORTY-FIVE ENTRIES OF SPUDS; PRESQUE  
ISLE WON COUNTY EXHIBIT AND LIONS SHARE OF  
PREMIUMS; FRANK GUY NEW POTATO CHAMPION

No one would ever think the farm-  
er had problems of taxation, crop  
surpluses and Farm Relief if they had  
attended the Eighth Annual Potato  
and Apple Show of the Top O' Michi-  
gan Potato Association at Gaylord  
last week.

No one present would deny the  
existence of these problems, and  
they were discussed by specialists in  
their line, but the general feeling of  
both exhibitors and visitors was one  
of optimism, optimism perhaps for  
the opportunities seen and discussed  
for the greater benefit of the farm-  
ers of the Top O' Michigan territory.

On the other hand the spirit shown  
may have been due directly to the  
fact that the Eighth Annual Potato  
and Apple Show just held was the  
greatest in the history of its organ-  
ization.

Nearly 2,500 farmers and business  
men of the Top O' Michigan attend-  
ed and took part in the three days  
activities beginning with a certified  
seed growers' luncheon on Wednes-  
day and concluding with the Choir  
Singing Contest Friday morning.  
The high light of the three days  
was the annual banquet on Thursday  
evening, which was addressed by  
Percy Taylor, of the Federal Farm  
Loan Board, Washington D. C., and  
W. H. Tomlinson of Bay City.

A new record was set for the num-  
ber of potato entries with 445. This  
was over ten per cent greater than  
last year. The number of Apple en-  
tries fell on slightly so that the total  
entries for the show were 603, just  
a little less than last year. There  
were 124 entries in the peck exhibit  
of Rural Russets alone.

This new record in the face of  
very adverse growing conditions for  
potatoes speaks well for the farmers  
and exhibitors of this territory as  
well as the management of the show.  
When the judging was completed,  
it was found that a new potato king  
would rule for another year. Frank  
Guy of Pellston was the sweetest  
winner in the open class. This show-  
ing by Mr. Guy was remarkable,  
since last year was his first try at  
showing potatoes and the best he  
did was to win an award of merit.

Another remarkable thing about  
the selecting of this new Potato King  
is that during the eight years of the  
Show, no person has won first place  
more than once. This indicates that  
the Show is not dominated by "pro-  
fessionals" but that anyone has a  
chance every year.

Emery Roberts of Alanson, was the  
Junior Champion and Elias Leusing  
of Pellston was the winner in the  
Certified Seed classes.  
In the Apple classes, Homer War-  
ling of Keweenaw and D. D. Tibbits of  
Boyne City drew honors. Mr. War-  
ling won sweetest in plates and  
Mr. Tibbits in trays. P. B. Gillespie  
had many exhibits and took home  
many prizes.

Drought Not Noticed  
There was a drought in this area  
last summer—a severe drought in  
certain sections, yet the quality of  
exhibits was not lowered in any de-

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Homemaking Is A  
Profession Which In-  
volves Many People

"Would we not all think of the job  
of housekeeping with a little more  
respect and dignity if we realized  
there is no occupation or profession  
which involves so many people as  
that of the homemaker's job?"

This question was asked by  
women visitors of the Eighth An-  
nual Potato and Apple Show by Miss  
Edna V. Smith, Acting State Leader  
of Home Demonstrations, at  
the Michigan State College, who  
addressed the women's meeting on  
Thursday afternoon.

"There are about 24,000,000 home-  
makers in the United States," re-  
marked Miss Smith. "Each one of  
these homemakers must have train-  
ing in many different lines. Probab-  
ly there is no profession that is as  
complex as that of homemaking."

Continuing, Miss Smith stated that  
"the purpose of the home is being  
interpreted so differently than it was  
at one time. Once it was thought  
of more as a boarding house exist-  
ing simply to feed the family. Now  
(Continued on last page)

Care In Choosing  
Fruit for GrowingH. D. HOOTMAN SOUNDS WARN-  
ING TO FRUIT GROWERS  
HERE

"When we think of formulating a  
fruit production program for north-  
ern Michigan it will be well to con-  
sider first those fruits that are al-  
ready being grown here, remarked  
H. D. Hootman, Secretary of the  
Michigan Horticultural Society, who  
addressed the fruit growers on Wed-  
nesday afternoon.

"In the commercial production of  
fruit our attention is naturally drawn  
to the Cuthbert red raspberry, the  
Montmorency sour cherry and a  
number of apple varieties, namely  
the Wealthy, Snow, McIntosh, Green-  
ing and Wagener—all of which are  
being successfully grown in the ter-  
ritory served by the Top O' Michigan  
Potato Association.

The Red Cherry  
"In Cheboygan County we find  
ideal soil and climatic conditions for  
growing the red raspberry, he stated.  
"Here we find not only some of the  
best red raspberry plantations in  
the state, but also the largest grow-  
er, Edward Douglas, who has 50  
acres of red raspberries in bearing.  
Fortunately most of the red raspber-  
ries planted in this section have  
been the Cuthbert variety—the vari-  
ety most desired by the canners and  
the fruit trade.

The Cherry  
Mr. Hootman also stated that in  
recent years a large number of sour  
cherry trees have been planted in  
Antrim, Charlevoix, Emmet and Che-  
boygan counties. "Plantings have al-  
ways been heavy in other cherry pro-  
ducing sections. Unlike apples—sour  
cherries are produced commercially  
in comparatively few states, namely:  
Wisconsin, Michigan and New York.  
"There are three factors," he stated,  
"that influence the economical pro-  
duction of sour cherries. A good  
site—a good soil—and good care. A  
good site that affords fair protec-  
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# All China

Mem  
DR. PE  
Friday,

No admission

## The



Interesting bits of  
gathered by the E. A.

(By Katherine E.  
A Poetic Tribute To  
Poet

No more fitting trib-  
paid to Joe Dermody of  
Michigan Tourist. As  
its resolution passed a  
meeting recently to pla-  
of the Harmon National  
name. He thought an  
wrote of East Michi-  
phrases of the poet  
and lakes and shores a  
poetry to him. One  
articles which he wrote  
on the "AuSable," a  
sketchy alive to the be-  
and forest but also a  
need for reforestation  
Forty acres with a  
marker—a gesture of  
man who loved the bi-  
gan.

National Newspaper  
Nature Inte

An October issue of  
Science Monitor, re-  
pays a compliment to  
for what she claims to  
devoting more news-  
capita to nature than  
other state in the U.  
Michigan was a pion-  
I want to add some-  
doubt if there is any  
the United States who  
so loyally and gener-  
to stories sent out  
conservation depart-  
ment and touri-  
splendid co-operation  
from newspapers thr-  
Times, the home pa-  
the fact that a pro-

### McKAY

OPTICAL SPE  
Eyes examined, g-  
our own shop. Broke  
id by mail.

Buy

## F a S

## What Lies Beyond Certification Work

(Continued from page 1)  
may be passed making it illegal to  
use the word "certified" as applied to  
seeds unless they are so produced.  
The procedure involved in the cer-  
tification of seed potatoes is quite  
simple. The field of potatoes is in-  
spected at least twice by some un-  
biased individual, usually a member  
of the College staff or possibly a gradu-  
ate student. There may or may not



J. R. LIVERMORE

In a "thin inspection" of the tubers at  
one time after harvest. Should the  
inspection records show that these  
potatoes have satisfied the require-  
ments in regard to amount of dis-  
ease and varietal mixture as set  
forth in the standards set up by the  
Association, then the potatoes may  
be certified. So far as New York is  
concerned, the actual certification is  
accomplished when the grower, by  
signing his name or number on the  
tag, certifies that the potatoes with-  
in the container bearing that tag  
are from the field or fields inspec-  
ted and passed by the inspector.

There are difficulties and weak-  
nesses in the present system that  
should and will be overcome as time  
goes on. With a limited number of  
inspectors it is impossible to visit each  
field at the most opportune time, the  
fields must be inspected in rotation  
in order to save time and travel.  
It is a well-known fact that mosaic  
symptoms are masked or covered up  
by certain weather conditions. Con-  
sider for the moment two fields with  
the same amount of mosaic in each.  
The inspector visits one field at a  
time when optimum weather condi-  
tions prevail. The report on that  
field will record better than 90 per  
cent of the actual disease present  
in that field of potatoes. But the  
other field, if inspected under ad-  
verse conditions, will show a dis-  
ease count probably only 40 to 50  
per cent of the actual disease con-  
tent. Both of these lots of seed will  
be sold on the basis of the disease  
count on the tag. The first lot will  
give satisfaction, the second lot will  
not because it is quite probable that  
there will be twice as much disease  
in the crop as was noted on the tag.

The certification standards at  
present pay little if any attention to  
productivity of yield. They are pri-  
marily concerned with disease con-  
tent. In spite of the fact that it has  
been shown that two lots of seed  
with the same amount of disease  
may differ materially as to yield, no  
reference is made to yielding ability or  
productivity of certified seed has  
been incorporated in the standards.  
In New York we have tried to take  
care of this situation through the es-  
tablishment of another grade of seed  
to be known as registered-certified  
seed. To qualify for this grade of seed  
the stock must be practically  
free from disease, must have  
been developed in a tuber-unit selec-  
tion plot and must have demon-  
strated its ability to yield when grown  
with other strains under identical  
conditions in comparative strain  
tests.

But back of all these regulations  
there still remains the human factor  
in the equation. The buyer of cer-  
tified seed must in the last analysis  
depend upon the grower for the qual-  
ity of seed he receives. There are all  
kinds of growers of certified seed

potatoes—good, bad and indifferent.  
Unfortunately there are still some  
growers who strive to keep just  
within the law. No matter how heav-  
ily they have to rogue their fields  
to do it, if they can get by with a  
count just under the limit of toler-  
ance they are satisfied. I am glad  
to say that there are many others  
who are striving continually to re-  
duce the disease count to the ab-  
solute minimum and are doing every-  
thing possible to improve the quality  
of the seed potatoes they grow.

The matter of grading seed po-  
tatoes offered for sale is a big prob-  
lem. Perhaps you folks in Michigan  
have no complaints to make, maybe  
your seed stock is always well grad-  
ed. Be that as it may, in New York  
the growers have much to learn  
about grading potatoes. It is a very  
simple matter to grade one's neigh-  
bor's potatoes or some that one has  
bought, but it is extremely difficult  
to grade one's own potatoes, particu-  
larly those one wishes to sell. Al-  
together too many culls find their  
way into commerce.

Then to regard to yield; what  
should the grower do to improve the  
productivity of his strain of po-  
tatoes? I believe, and strongly too,  
that every grower should make some  
effort to improve his strain of seed  
potatoes. There are several ways  
that this may be accomplished and  
the practice of any one of these pro-  
cesses would well repay the grower  
for his effort. Probably the most ef-  
fective method of improvement, both  
from the standpoint of accomplish-  
ment and labor involved, is that of  
hill-selection. By means of this prac-  
tice it is possible to separate many  
strains or tuber-types within a given  
variety of potatoes grown under com-  
parable conditions, and through the  
elimination of the poorer yielding  
strains the better ones are concentra-  
ted, thus improving the average yield  
of the given lot of seed stock. Carry-  
ing on this process for a period of  
three or four years it is possible to  
eliminate all but two or three of the  
better strains, thereby develop-  
ing a strain of potatoes that will  
yield materially more than the origi-  
nal stock from which it was selected.

It has always seemed to me that  
the grower of certified seed of any  
crop, be it potatoes or what not, is in  
fact, his brother's keeper. It is his  
duty to produce the best seed that  
experience and science have made  
possible. He should never be satisfied  
to grow seed stock that just  
gets in under the wire, but should  
be continually striving to improve  
his product. As one of my cooper-  
ators has expressed it, "Seed grow-  
ing is an art," it is as necessary in  
the production of a masterpiece that  
the seed potato grower have the ap-  
titude and appreciation for his work  
as it is for an artist or a sculptor.  
The growing of high quality seed  
potatoes should be considered not as  
hard work, but as a pleasant duty  
and a privilege. Only those men who  
consider seed potato growing in this  
light should be in the business.

### POTATOES NOW SERVE AS HOTEL PENHOLDERS

KANSAS CITY, Oct. 21.—The  
tubers which lost its job as a  
stopper for kerosene cans, has  
gone to work in hotels as a pen-  
holder.

The pens with which guests at  
two Kansas City hotels register are  
plunged into potatoes, peeled and  
shaped to fit into convenient com-  
partments in large pen and ink sets.  
Clerks at those hotels explained  
fresh portions of potato penholders  
are placed in the pen and ink set  
several times a day.

### APPLE CRISP

8 apples, sliced (about 1 quart)  
1 teaspoon cinnamon  
1 tablespoonful butter  
1 cupful water  
1 cupful sugar  
1/2 cupful flour  
Grease baking dish and fill with  
the apples, water, and cinnamon mix-  
ed. Work together the remainder of  
the ingredients with the fingertips  
until crumbly, spread over the apple  
mixture, and bake uncovered at 400  
F. for about thirty minutes. Serve  
with whipped cream, lemon sauce,  
or maple syrup.

## Farm Bureau Fertilizer Wins Again

Albert Kipfer of Stephenson, Michigan had high yield  
in the Michigan 300-bushel potato club. Mr. Kipfer's aver-  
age yield on a 5 acre plot was 402 bushels per acre.

Alphonse Verschure of Manistique placed second with  
a yield of 365 bushels per acre.

Both of these men used Farm Bureau Fertil-  
izer purchased the Co-operative way.

See your local Co-operative Distributor of Farm Bureau  
Fertilizer because you, too, should buy the Co-operative  
way.

### Farm Bureau Services, Inc.

Lansing, Michigan



Pictures above show method used by J. D. Robinson, Emmet  
county in irrigating his potato field this year.

## Emmet Co. Grower Irrigates Potatoes

(Continued from page 1)

could be run by gravity into 300  
gallon tanks set on trucks.  
The truckload, upon reaching the  
field would be emptied by gravity into  
a 400 gallon tank set upon the ground.  
This tank then supplied the water to  
the troughs running perpendicu-  
lar to the rows. From this supply  
it was so regulated that water was  
run down two rows at a time. About  
one acre was irrigated and then the  
troughs and tank in the field were  
moved on another acre and it was  
irrigated. The truck was going day  
and night, two crews of men being  
on the job. The four and one-half  
acres were covered with water to the  
equivalent of three-quarters of an  
inch, within four days.

To check the value of irrigation,

### Careful Grading Is Necessary To Develop A Demand For Michi- gan Potatoes In Future Years

(Continued from page 1)  
potatoes to live, when the motor  
truck becomes a common carrier of  
potatoes is the standard-  
ization of this crop. When po-  
tatoes are handled in carlot quantities,  
and have to be brought to a central  
shipping point, it is comparatively  
easy to arrange grading operations  
which will bring about more or less  
satisfactory standardization. When,  
however, trucks are driven to the  
farms and the potatoes often loaded  
onto trucks from fields where they  
are dug, it becomes a much more  
difficult problem to arrange for prop-  
er grading of the potatoes. It is  
becoming increasingly apparent that  
especially in seasons of heavy pro-  
duction, all potato growers would be  
better off if the entire crop would  
be properly graded so that nothing  
but first class potatoes would reach  
the market and consumers.

The ergonomic idea which is still  
in the minds of some growers that  
the larger percentage of their entire  
crop they can work off into the chan-  
nels of trade, no matter what the grade  
is one which is doing much harm at  
the present time. We have not giv-  
ing as much consideration as we  
should to the influence which the  
forcing of cut potatoes often mixed  
with good potatoes, onto the market  
has on consumption of potatoes. A  
displeased customer is a liability  
rather than an asset so far as po-  
tato consumption is concerned. We  
cannot expect the city consumer to  
be pleased or even satisfied when  
he is forced to pay good money for  
potatoes which the grower himself  
would think of using on his table.

We do not know how it is going  
to be possible to standardize the po-  
tato crop handled by motor trucks.  
Michigan has made a  
good start in this direction by pass-  
ing a law requiring that all potatoes  
be properly labeled when placed on  
the market. Such a law can only be  
satisfactorily enforced when the pub-  
lic sentiment is back of it. We  
should endeavor therefore, to create  
public sentiment in all potato pro-  
ducing states looking toward the es-  
tablishment of such laws as may be  
needed to secure better standardiza-  
tion of the potato crop. When all of  
the states are able to satisfactorily  
carry on work of this type, a great  
advance will have been made in the  
matter of standardizing the potato  
crop and thereby making potato  
growing more profitable to the pro-  
ducer and more satisfactory to the  
consumer as well as to the distri-  
butor.

According to P. Dukeshner, di-  
rector of the Bureau of Weights and  
Standards of the State Department  
of Agriculture, an attempt is being  
made to inspect truck shipments as  
well as rail shipments, by a force  
of inspectors who stop trucks load-  
ed with potatoes anywhere at any  
time and see that the potatoes are  
properly labeled as to grade.  
It is difficult to reach the individ-  
ual trucker, who often does his driv-  
ing at night and reaches the market  
in a round about way.

In communities such as the Top O'

one acre joining the rest of the field  
was left unirrigated. Considerable  
growth was manifested during the  
time the water was being applied to  
the field and many guesses as to its  
worth were made.

Mr. Robinson, under the direction  
of J. J. Bird, Michigan State College  
Potato Specialist, made comparative  
checks throughout the two fields. It  
was found that the irrigated field  
yielded 343 bushels per acre as com-  
pared to a yield of 284 bushels on  
the unirrigated acre, a gain of  
61 bushels per acre.  
Potato growers are aware of the  
fact that each year there is a period  
of drought and because of this are  
becoming more and more interested  
in the matter of irrigation. Mr.  
Robinson has earned a very  
worthwhile experiment and has been  
repaid for his efforts, and at the  
same time has helped the potato in-  
dustry. It is hoped that this will be  
the beginning of more trials of a  
similar nature to be carried on in the  
future.

ence of the motor truck, but down  
state potato growers have. However,  
our growers should keep one step  
ahead by producing only the highest  
quality potatoes, in order to compete  
in the market with those small sur-  
plus amounts from each farm, in the  
larger consuming centers.

### Standard Potato And Apple Grades

Above is an article pertaining to  
the proper grading and standardiza-  
tion of potatoes as a means of im-  
proving market quality and increas-  
ing consumer demand.

Since the proper grading of po-  
tatoes and apples concerns the grower  
more directly than ever, the follow-  
ing rules and regulations concerning  
the Michigan grading laws are given.  
(Taken from Bulletin No. 55, Michi-  
gan Department of Agriculture):

Michigan U. S. Potato Grades  
U. S. Fancy  
U. S. Fancy shall consist of po-  
tatoes of one variety which are mature,  
bright, well-shaped, free from freez-  
ing injury, soft rot, dirt, or other  
foreign matter, sunburn, second  
growth, cracks, hollow heart,  
cuts, scab, blight, dry rot, disease,  
insects, or mechanical injury, and  
other defects.

The size shall be stated in terms  
of minimum diameter or minimum  
weight or of range in diameter or  
weight following the grade name,  
but in no case shall the diameter be  
less than two inches.

In order to allow for variations in-  
cident to proper grading and hand-  
ling, not more than five per cent, by  
weight, of any lot may vary from  
the size stated, and, in addition, not  
more than six per cent, by weight,  
of any lot may be below the remain-  
ing requirements of this grade; but  
not to exceed one-sixth of this tol-  
erance, or one per cent, shall be al-  
lowed for potatoes affected by soft  
rot.

U. S. No. 1  
U. S. No. 1 shall consist of po-  
tatoes of similar varietal characteris-  
tics which are not badly misshapen,  
which are free from freezing injury,  
and soft rot, and from damage caus-  
ed by dirt or other foreign matter,  
sunburn, second growth, cracks,  
hollow heart, cuts, scab,  
blight, dry rot, disease, insects, or  
mechanical or other means.

The diameter of potatoes of round  
varieties shall be not less than 1 7/8  
inches and of potatoes of long varie-  
ties 1 3/4 inches, but lots of potatoes  
which are not less than 1 1/2 inches  
in diameter and which meet the re-  
maining requirements of this grade  
may be designated "U. S. No. 1, 1 1/2  
inches minimum".  
In order to allow for variations in-  
cident to proper grading and hand-  
ling, not more than five per cent by  
weight, of any lot may be below the  
prescribed size. In addition, not  
more than five per cent, by weight,  
may be damaged by hollow heart,  
and not more than six per cent may  
be below the remaining requirements  
of this grade; but not to exceed one-  
sixth of this amount, or one per

cent, shall be allowed for potatoes  
affected by soft rot.

U. S. No. 2  
U. S. No. 2 shall consist of po-  
tatoes of similar varietal characteris-  
tics which are free from freezing in-  
jury and soft rot and from serious  
damage caused by sunburn, second  
growth, growth cracks, hollow heart,  
cuts, scab, blight, dry rot, disease,  
insects, or mechanical or other  
means.

The diameter of potatoes of this  
grade shall not be less than 1 1/2  
inches.

In order to allow for variations in-  
cident to proper grading and hand-  
ling, not more than five per cent by  
weight, of any lot may be below the  
prescribed size, and in addition, not  
more than six per cent by weight,  
may be below the remaining require-  
ments of this grade; but not to ex-  
ceed one-sixth of this tolerance, or  
one per cent shall be allowed for  
potatoes affected by soft rot.

Michigan Apple Grades  
Michigan Fancy apples shall consist of  
one variety of apples which are hand  
picked and firm, well grown and  
well formed and apparently free  
from dirt or skin puncture and in-  
juries caused by bruises, hail, dis-  
ease, insects, or mechanical or other  
means, except those incident to prop-  
er packing.

Michigan Fancy apples must be  
uniform in size, and must not vary  
to exceed 1/2 inch in diameter from  
the smallest to the largest apples  
in any one package.

Each apple must have the amount  
of color specified for the grade and  
variety.

In order to allow for variations in-  
cident to proper packing, not more  
than five per cent, by count, may be  
below the color requirement, nor  
more than five per cent, by count  
additional, may be below the grade  
requirements inclusive of both the  
minimum and maximum sizes.

Michigan A  
Michigan A shall consist of one  
variety of apples which are hand  
picked and firm, well grown and well  
formed and apparently free from dirt  
and skin puncture and injuries caus-  
ed by bruises, hail, disease, insects  
or mechanical or other means, ex-  
cept those incident to proper pack-  
ing.

Michigan A apples must not be  
smaller than the minimum size spec-  
ified for the grade and variety.

Each apple must have the amount  
of color specified for the grade and  
variety.  
In order to allow for variations in-  
cident to proper packing, not more  
than ten per cent, by count, may be  
below the color requirement, nor  
more than ten per cent, additional  
may be below the grade require-  
ments inclusive of the minimum size  
required.

Uniform A  
Uniform A apples must not vary  
more than 1/2 inch in diameter from  
the smallest to the largest apples  
in any one package.  
In every other respect, apples in  
the Uniform A grade must meet the  
requirements of the Michigan A  
grade.

B Grade  
B Grade shall consist of one vari-  
ety of apples which are hand picked  
and firm, well grown and fairly well  
formed and apparently free from  
serious damage caused by dirt, hail,  
bruises, disease, insects or injuries  
caused by mechanical or other means  
except those incident to proper pack-  
ing.

B Grade apples must not be small-  
er than the minimum size specified  
for the grade and variety.

In order to allow for variations in-  
cident to proper packing, not more  
than 15 per cent by count, may be  
below the grade requirements, in-  
clusive of the minimum size required.

Commercial Grade  
Commercial Grade shall consist of  
one variety of marketable fruit,  
which does not conform to the fore-  
going grade requirements, except  
that apples must not be less than  
two inches in diameter and appar-  
ently free from decay and broken  
skins.

Not more than ten per cent, by  
count, may be below two inches in  
diameter.  
Packing Requirements  
Containers must be well filled, but  
not bruised or crushed. The Michi-  
gan Fancy, Michigan and Uniform A  
grades must be ring-faced and tailed  
and a flexible cushion should be placed  
between the fruit and cover. B  
grade must be ring-faced.

## Care In Choosing Fruit for Growing

(Continued from page 1)  
tion from the losses caused by late  
spring frost is all important. There  
are seasons when a good crop will be  
produced on a poor site and a good  
site does not guarantee success, but  
success over a period of years with-  
out a good site is well nigh impos-  
sible.

Careful cultivation, thorough



H. D. HOOTMAN  
spraying and light pruning must be  
carried on in the cherry orchard if  
maximum results are to be secured  
for the money and labor expended.  
"Here in the northern part of  
Michigan is located a large number  
of neglected apple orchards," con-  
tinued Mr. Hootman. "Some of these  
have been planted on poor locations,  
others stand on poor soils but most  
of them have been neglected because  
the varieties selected for planting  
were not suited to commercial apple  
production in this section."

"A few examples of good varieties  
that grow to perfection when plant-  
ed in some apple growing sections  
but often lack size, color or finish,  
when grown in this section are the  
Jonathan, Grimes and Delicious."

In closing, Mr. Hootman remark-  
ed that, "a recent study of consumer  
demand in the Detroit market has  
revealed that only a dozen different  
varieties of apples are wanted. The  
Wealthy, McIntosh, Greening and  
Spy can be grown satisfactorily in  
Michigan and find a steady market  
at Detroit. At present, Detroit, which  
is our logical market, is not well sup-  
plied with Michigan grown apples."

"If we ship east we run into com-  
petition from New York grown  
apples. If we ship west we have the  
box apples of Washington with  
which to contend. To the south,  
growers in the various states are  
generally closer to their market than we  
are. Let's grow what Detroit needs."

CERTIFIED
RUSSET RURAL
SEED POTATOES
From the Heart of the proven seed growing sec- tion of Northern Michigan.
CAR LOTS OR LESS
Thomas B. Buell
Grower and Wholesaler
ELMIRA, MICHIGAN

**Most Accurate, Fastest, Safest  
Potato and Onion Grader**

The Boggs makes No. 1 and No. 2 grades with less than 3% variation from Government sizes. Culls and dirt are eliminated at the same time.

It grades 75 to 500 bu. per hour, depending on the model. Will not bruise or injure even green stock. All cuts and diseased stock can be picked out easily when equipped with Roller-Picking Table, which automatically turns potatoes over.

Quick-change attachment permits changing belts in less than a minute to grade a different variety of potatoes. Machine can be stopped without shutting off motor. Filled bags can be replaced without stopping machine. Boggs Graders do the manual labor of 100 men.

Priced at \$49.00 and up. Write for free catalog.

**Boggs Manufacturing Corp.** Main St., Atlanta, N. Y.  
Factories: Atlanta, N. Y., Detroit Lakes, Minn.

**BOGGS POTATO AND ONION GRADER**



MICHIGAN GREEN WATCH

An Internationalist

cause of the rebound will be rapid be-  
cause of the present buyer's hesitancy

MASS. AVENUE Bldg.



## TOP O' MICHIGAN POTATO AND APPLE SHOW SUPPLEMENT

## Where and How to Place Fertilizer

(Continued from page 1)

that the fertilizer hands on either side of the seed will be at the same level as the seed, or above it, or below it. General practice seems to favor placing the fertilizer at about the same level as the seed, or above it, or below it. If you have an old type fertilizer attachment, that cannot apply fertilizer in the method



O. F. JENSEN

described above, it will pay you to junk it. The modern fertilizer attachment will safely and successfully apply concentrated fertilizers. In some experiments in Maine in 1929, as much as 1000 pounds per acre of a 10-16-14 and 687 pounds of a 15-24-12 were applied with a potato planter fertilizer attachment without difficulty, and with very good results. These fertilizers were compared with 2000 pounds per acre of a 5-8-7, which was applied with the attachment.

"Although the potato planter fertilizer attachment has several advantages to commend it, such as accurate placement of fertilizer, saving of an extra operation, and moderate cost, there are many growers in the east who prefer a separate implement for applying the fertilizer. This is usually a one or two row distributor which drills the fertilizer with some mixing with the soil. Then the potato planter follows the rows made by the fertilizer distributor. This kind of a distributor is used by large growers, who apply large quantities per acre. I have never seen this implement used in Michigan or Wisconsin.

"Neither of the implements I have described fit the grower with a small acreage, who perhaps does not have a potato planter, or feel that the scale of his operation warrants an investment in this equipment. Then there are many growers who plant by hand because they wish to check row their potatoes, and cultivate both ways. For this grower, the use of a cultivator with fertilizer attachment is a very practical method to apply fertilizer along the rows. This type of implement has been used to some extent in central Wisconsin, having been called to my attention by Mr. Harold Frost, an agronomist with one of the fertilizer companies. The practice is to plant the potatoes in the usual way, and then blind cultivate immediately to apply the fertilizer. The discharge tubes should be tied behind the first shovel of each gang, so that the bands of fertilizer are applied fairly close to the row, and mixed with the soil. The cultivator fertilizer attachment is inexpensive, and has a good deal to commend it for the small grower.

"Broadcast application of fertilizers can be made with any of the ordinary types of lime and fertilizer sowers. A difficulty likely to be experienced with many broadcast distributors is their lack of accuracy and uniformity of distribution, and their inability to apply small amounts per acre. Broadcast applications should be made before planting, and disced or harrowed to mix the fertilizer with the soil."

In closing, Mr. Jensen remarked that in the purchase of equipment to apply fertilizers for potatoes, he would advise anyone to observe the following:

"1. The distributor should apply fertilizer properly, avoiding direct contact with the seed, or placement either directly above or directly below the seed.

"2. The distributor should have an accurate feed, that will apply uniformly at either low or high rates of application.

"3. The feed should be capable of easy adjustment and accurate setting.

"4. For potatoes, a distributor should be able to apply as low as 100 pounds per acre and as high as 2000 pounds per acre.

"5. The hopper should be large enough so that frequent refilling is not required.

"6. Agitators should be provided in the hopper to prevent bridging and allow full feed whether full or nearly empty.

"7. The distributor should be accessible for easy cleaning and emptying. This is an important feature."

## A FRUIT GROWER'S CREED

Realizing that my profit from my orchards is the last thing to come out of my returns, after I have paid all my expenses of every kind, I resolve that I will do all that I can to increase my profit margin. I will get the biggest possible crop by proper pruning, thinning, cultivation and fertilizing. I will get the highest market prices by producing the finest quality. I will not tolerate scale marks, stings, scab spots, or any other blemish which can be avoided by proper and thorough spraying.

I will not skimp on the number of sprays that I apply, on the thoroughness with which I apply them, nor in the spray materials to do the work most effectively. I will put the quality of my fruit ahead of other consideration. And, since quality depends more upon proper spraying than on any other factor, I will select my spray materials solely and absolutely on the basis of their proved efficiency.

All of these things I resolve to carry out so long as I remain a fruit grower. The Spray.

Consumers restrict their thinking to western grown tubers when baking potatoes are mentioned. These western producers have done a good job of selling and are reaping a fine reward.

But Michigan may get in on some of this money. Tests in this state demonstrate that all the baking qualities ever put into a western grown tuber can be had in Michigan grown potatoes. Several hundred bushels were successfully produced last year by F. W. Johnston of northern Montcalm County, and other Michigan growers have met with success in this direction.

These practical tests call for prompt and careful plot and field work to the end that Michigan potatoes may early enjoy the premiums that consumers of good baking potatoes are willing to pay. Michigan Farmer.

## Guy Eppler Talks Of His Trip To Prince Edward Island And Maine, During Summer

(Continued from page 1)

the hills and valleys were covered with evergreen forests, which were being cut into pulp wood and floated down the river to paper mills. We arrived at the village of St. Leonard, New Brunswick, at 9:00 a. m., where we were greeted by a band and also met by 100 automobiles from Arrostook County, Maine. These Maine Potato Growers conveyed



GUY EPPLER

ed us across the St. John's River into the United States at Van Buren and gave us a tour of 105 miles through Arrostook County, Maine's best potato section. The country is flat to rolling and we saw large farms and fine roads with tremendous fields of potatoes on either side. The thrift and prosperity of the growers was shown by well-kept farms and homes, good horses, and well kept machinery.

After stopping at several potato fields, we proceeded to Fort Fairfield, where we were given a royal welcome by the Arrostook County Growers and greeted by Governor Gardner. After being served an excellent dinner, a party went to the United States Department of Agricultural Experimental Farm at Pres-

que Isle, where Dr. Shultz outlined the experimental work. He emphasized the importance of keeping the fields of good seed away from the fields that are badly diseased, because of the spread that takes place through insect carriers. What impressed me on this farm was that where they sprayed eight or more times with a high pressure sprayer, using three nozzles to the row, there was no blight. Blight had been very noticeable in most of the fields we had passed. I had been told by our driver that two or three sprayings with one nozzle to the row was the common practice.

Cropping methods used in a general way by Arrostook County Potato Growers consists of a 3-year rotation of oats, clover, and potatoes. The clover is cut about July 1st and left on the fields and plowed down to a depth of five inches. Just before freezing time, it is again plowed to a depth of seven inches, and as soon as possible in the spring, it is again plowed to the depth of seven inches, double harrowed, and planted. The potato seed, about 25 bushels per acre, is all cut before planting time, treated with sulphur dust and planted with seed pieces placed one inch below the level of the ground. Nothing is done to the field until the sprouts emerge when it is cultivated and the plants covered. As soon as the plants emerge again, they are again covered, and when from five to six inches tall, they are hilled with scrapers. This operation is repeated two, three or four times, depending on the conditions. Fertilizer analyzing about 5-7-10 is all applied in the row at the rate of 2,000 pounds per acre.

At about 5:30 in the afternoon we returned to our train and started at once on a trip of several hundred miles through New Brunswick. Early



## POTATO CANDY

This easily made and interesting confection admits a number of easy variations. A large amount of the foundation dough may be prepared and a variety of candies made by changing the flavor and treatment.

Mash enough freshly boiled potato to make a cupful. Be sure to remove all lumps and have the potato perfectly smooth. While it is still hot, stir in two pounds of confectioner's sugar. This should make a dough of proper consistency for rolling or shaping into balls.

Part of the mixture may be flavored with vanilla rolled into small nut-like balls with a nut meat pressed into the top of each. A sprinkling of granulated sugar gives a pretty effect.

Another way is to conceal on the inside of the candy balls nutmeats, candied cherries, or other fruit. Malaga grapes are tasty with vanilla flavored candy foundation.

A bit of vegetable coloring is also attractive. A delicate green or pink is pretty.

## POTATO AND BEAN CUTLETS

1 cup rice potato  
1 cup rice bean  
1 can pimientos  
1 cup bread crumbs  
Mix thoroughly and salt to taste. Form into shapes to look like cutlets. Dip into beaten egg and sprinkle with bread crumbs and bake in a moderate oven until slightly brown. Turn carefully and brown on the other side. Serve with a tomato or cheese sauce.

## Cheese Sauce

2 tablespoons fat  
2 tablespoons flour  
1 1/2 cups milk  
1 cup grated cheese  
Brown the flour in the melted fat, add the milk and cook for five minutes, and add the cheese. Remove from the fire and stir until the cheese is melted.

## POTATOES A LA SCRAMBLE

Into a hot pan, place two table-spoonsful of butter. In this, brown one small minced onion and add two cups of cold sliced potatoes. Beat two egg yolks and spread over the top. Serve when brown on both sides.

## RAGOUT POTATOES

Melt two table-spoonsful of fat in a stew pan, slice two onions into it, and fry until a light brown. Stir in one table-spoonful of flour and one pint of meat stock. Season, and add four cups of sliced raw potatoes. Cover and simmer slowly until the potatoes are cooked. Variations: A cup of minced corn beef, dried beef or ham makes this a good one-dish meal.

## NORWEGIAN POTATOES

2 cups raw diced potatoes  
1 cup raw diced carrots  
1 small onion  
1/2 table-spoon salt  
5 table-spoons butter or fat  
Saute the onions in half of the fat, then add carrots, potatoes, and egg-

soning. Stir well, then put into a greased baking dish with enough water to come to the top of the vegetables; cover and cook until tender, then drain off water, if any, add rest of butter, and let brown, uncovered.

## POTATO TEA CAKES

2 cups grated raw potato  
1/2 cup shortening  
1 cup milk  
4 cups flour  
Salt  
Mix potato and flour, and rub in shortening. Add seasoning and then add milk, and roll to one-half inch thickness. Cut out as for large biscuits and bake in a hot oven until golden brown. Split, butter, and serve very hot. These are excellent with cold meat. Variations: Add half cup currants.

## POTATO ALLEMANDE

3 cups boiled diced potatoes  
1/2 table-spoons butter  
1 table-spoon chopped onion  
3 canned pimientos  
Salt  
Pepper  
Parsley

Cook the chopped onion in the butter, add the pimiento, cut in small pieces, add the hot diced potatoes. Stir until well mixed and turn into a serving dish. Cover with allemande sauce and, sprinkle with chopped parsley.

## BAKED APPLES A LA Russe

1 cupful sugar  
6 medium sized apples  
1/2 cupful red jelly  
1/2 cupful water

2 table-spoonsful lemon juice  
Whipped cream  
Cook together the sugar and water for five minutes. Cut a slice at one end of each apple and scoop out as much of the center as possible, leaving deep cup-like shapes. Place the apples in the syrup and bake at 400 F. in a covered casserole until the apples are tender. Be careful that they do not become broken. Meanwhile cook the pulp of the apples with a portion of the syrup and the lemon juice until soft enough to be rubbed through a sieve. To the smooth, velvety pulp, add the red jelly and beat until well blended. Cook the cooked apple cases, fill with the mixture, then chill thoroughly and top with whipped cream. Serve with plain cream and syrup with which apples were baked as a sauce.

## APPLE CORNMEAL PUDDING

1 cupful cornmeal  
1 table-spoon salt  
Syrup  
3/4 cupful boiling water  
3 cupful apples  
Cream

Combine the cornmeal and boiling water and place in the top of a double boiler. When blended together, add the salt and apples, which have been previously pared, cored, and cut in eighths. Cook covered for two or three hours, stirring occasionally. Serve with syrup or molasses and top milk or thin cream.

The Potato Show Association wishes to express their appreciation for the splendid cooperation given by the newspapers in getting information concerning the Show to the readers of the Top O' Michigan.

Not only have they devoted many columns of news weekly but the orders for this supplement have exceeded any previous year.

A total of 25,000 supplements were printed, all but 700 going to the readers of the Top O' Michigan.

The following newspapers are using this supplement:

Alcona County Herald  
Alcona County Review  
Alpena News  
Antrim County Record  
The Boyne Citizen  
Cheboygan Observer  
Cheboygan Tribune  
Crawford Avalanche  
Charlevoix Courier  
Charlevoix County Herald  
Central Lake Torch  
Emmet County Graphic  
Ellsworth Tribune  
Montmorency County Tribune  
Mancelona Herald  
Oscoda County News

Oscoda County Herald Times  
Oscoda Outlook  
Petoskey News

B. E. Musgrave, County Agricultural Agent of Kalkaska County is using 400 to circulate to farmers in his county.

Thursday morning our train was ferried across the Northumberland Strait (nine miles) to Prince Edward Island. Arriving at Emerald Junction, we were met by a delegation of potato growers from the Island and welcomed by the Premier of the Province, Hon. William M. Lea. We were taken on a tour of this Island, which is about 124 miles long and 4 to 35 miles wide, and lies in the Gulf of the St. Lawrence just north of Nova Scotia. Here we found that that flat to rolling soil that is red and of a sandy loam and farms averaging about 80 acres, where diversified farming is practiced. We traveled many miles on good graded roads and viewed several Irish cobbler and Green Mountain potato fields. We saw potatoes growing where it seems conditions must be ideal. The large healthy plants had wonderful foliage with large flat leaves and with blossoms that at a distance resembled a field of buckwheat in full bloom. We then proceeded to Summerside, one of the largest towns on the Island.

The usual cropping method practiced in growing potatoes on the Island is to follow a 3-year rotation of oats, clover, pasture and potatoes. The pasture is plowed to a depth of four to six inches in the fall after an application of 10 tons of manure.

During the spring the ground is harrowed three times and planted 35 inches between the row and 12 to 14 inches in the row. Planting is done between the 1st and 10th of June, at the rate of 17 bushels per acre. Fertilizer analyzing 4-8-7 is applied in the row at the rate of 1800 to 2000 pounds per acre. After the plants emerge, the fields are given a cultivation and the plants covered. This is later repeated, hillers being used only one time. It is the practice to spray up to five times, carrying up to 200 pounds pressure with a 6-6-50 bordeaux solution. The digging season starts October 1st and the yield averages approximately 120 bushels per acre. Most of the potatoes grown on the Island are grown for seed. In 1929 over 2000 cars of certified seed were marketed, these being shipped to Canada, New England, Long Island, New Jersey, Virginia, and Carolinas, and Florida.

In the early evening we ferried across the Strait to New Brunswick and the next morning found a special train traveling in the valley of the St. Lawrence, where we saw the long narrow farms of the French Canadians. The St. Lawrence river with its many islands was also very interesting. We arrived at Lewis and were ferried across the St. Lawrence river to Quebec, where we were given a sight-seeing tour of this old historic city. We left Quebec in the evening and during the night our car left the special train. The following morning found us on our way to Niagara Falls, where we spent several enjoyable hours. We arrived at Youngstown, Ohio, which was the end of our tour on Saturday at 6:00 p. m.

Mr. Eppler won the Top O' Michigan Master Potato Grower Contest in 1929 and was given \$100 to pay expenses on this trip.

## HOT POTATO SALAD

Cook six potatoes in their jackets. Remove skins and slice thin. Place potatoes in a casserole. Season, and add a cupful of cut celery, a tablespoonful of chopped onion, and a tablespoonful of chopped chives. Add four table-spoonsful of vinegar, salt and heat thoroughly.

Modern scientific farming produced a new American record yield of 1,145.17 bushels of potatoes per acre last fall for L. G. Schutte, prominent local farmer of Monte Vista, Colorado and San Luis Valley potato king in 1929.

Methods used by this former Civil War veteran who came to the San Luis Valley in 1910, are attracting widespread interest among Colorado farmers. Grand Rapids Press.

Name Given Plain

at the foot of

## Protection WITH "FRIEND" PRODUCTS MEANS Success

## SPRAYERS

continuing the popularity of "Friend" features which have grown and improved over 30 years.

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## ON TOP

## TOP O' MICHIGAN



## "AA QUALITY" FERTILIZERS

Greatly aiding the Top O' Michigan Potato Growers in building up a reputation for high grade seed and table stock. Write for booklet "Fertilizing Potatoes."

THE AMERICAN AGRICULTURAL CHEMICAL CO.  
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Like the seal on a bond or the signature on a check, V-C's name on a fertilizer bag means "Good." V-C fertilizers pay face value in full.

Demand high face value, high analysis—and in a V-C bag you get rich, concentrated plant foods, the very best that economy and experience advise. In all V-C fertilizers, whether low analysis or high, honest values are blended most carefully and every value is there.

A name—Virginia-Carolina Chemical Corporation. But what a good old name! No wonder you welcome it on a V-C bag, for you know that name is inside too.

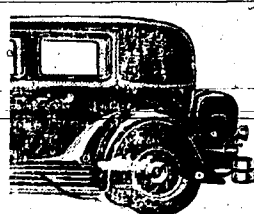
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Years Ago

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A RE-AGO

Everyone happy by promptly re-  
ing it as soon as he learned of  
wherewith.

citizens are given a genuine  
rise this week, by the announce-  
ment, L. Fournier had sold his  
business and would retire for a  
from active work. Mr. Fournier  
been a fixture here so long and  
well and favorably known in our  
it, as well as business world, that  
change seems incredible. While  
secret his action, all will acknowl-  
edge that he deserves the rest, and  
unite in wishing him continued  
prosperity.

the citizens of Grayling and  
xford County. Having purchased  
drug stock of L. Fournier, to con-  
the business at the old stand,  
make our bow, and invite former  
ons of the store, and all others,  
all and see us and get acquainted  
ther at immediate need of goods  
ot. We will bid you welcome, and  
nise courteous treatment. We ex-  
to keep our stock fully up to  
and to make fair prices, handling  
drugs and medicines and all the  
al sundry lines, and solicit such  
usage as we may merit. Very  
respectfully, A. M. Lewis & Co.

here was a very sad accident hap-  
ped at Hardgrove last Thursday.  
ham Harden was run over by the  
wheels and killed instantly.

Lovells Locals  
(23 years ago)

r. Underhill has planted a number  
large evergreen trees for ornamen-  
purposes in his yard. With his  
tutiful grounds and magnificent  
ation it looks as though the Dr.  
indeed this place as a permanent  
re. Good health near the North  
hich is preferable to city ills and  
as.

Liss Lottie Owen is getting to be  
expert huntress, a few days ago  
shot a partridge on the wing.  
hus. Engel sold one of his farms  
W. E. Crichton of Laport, Ind.  
are informed that Mr. Engel will  
ld on his hardwood farm.  
Mrs. T. E. Douglas is visiting at  
st Branch, Saginaw and Detroit.  
looks lonesome.  
Mrs. Stillwagon is ill.  
Mrs. W. S. Peterson has gone to  
ttle, Washington, and Mrs. Peter-  
twill remain here with Mrs. Walk-  
t until spring.  
Mrs. Chrysler returned Saturday  
do the cooking for the Douglas  
at Camp 1 on Big Creek. Mrs.  
ryslar is one of the best cooks that  
have had here and the Douglas Co.  
ow it. They expect to employ 80  
m at this camp.  
The mill continues to run full time  
t men are scarce.

W. FORD COUNTY, 50c  
ing Roads, Streams, Lakes,  
of the owners of lands. Valu-  
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aying, Mich., for 50c. By mail, 5c extra

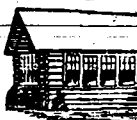


# All China

Men  
DR. PI  
Friday,

No admissi

## The



Interesting bits gathered by the E.

(By Katherine A Poetic Tribute To Poet

No more fitting tribute to Joe Dermody Michigan Tourist A its resolution passed meeting recently to p of the Huron Nation name. He thought I wrote of East Mich phraseology of the p and lakes and shores poetry to him. One articles which he wv on the AuSable, a keenly alive to the b and forest but also neel for recreation Forty acres with a marker—a gesture man who loved the igan.

National Newspaper Nature In

An October issue Science Monitor, r pays a compliment to ing that she claims devoting more news capita to nature th other state in the Michigan was a pio I want to add some doubt if there is at the United States, w so loyally and gene to stories sent out conservation depart velopment and tou This section pre splendid co-operation from newspapers th ritory, and notably f Times, the home in the fact that a pr

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## Potato Dealers Growers Meeting

DISCUSS COMMON PROBLEMS TO IMPROVE GRADING AND SELLING

One of the most interesting sessions held in connection with the Potato Show was the Dealers' Meeting, presided over by Mr. Sam T. Metzger of Greenville, one of Michigan's pioneer and foremost potato shippers.

Indicative of the general purpose of the show, as set forth by its sponsors at its inception, the problems of the potato industry were frankly discussed by representatives of all agencies interested in this business. After the growers had expressed their views, the dealers point of view was ably brought out by Mr. Metzger and to the surprise of some, they found that they were on common ground. Mr. Frank Ishbee of the Detroit Terminal gave an interesting description of this new Terminal and they proceeded to demonstrate that even his problems were identical with those of the grower and the dealer. To make the meeting unanimous, Hon. H. E. Powell, Commissioner of Agriculture, and Prof. H. C. Moore of the Michigan State College could do very little except emphasize the importance of these same problems as viewed from their respective fields.

The entire message revolved around PROPER GRADING, ATTRACTIVE PACKAGES, QUALITY OF ARTICLE, GOOD STORAGE, AVOIDING FIELD FROST AND ADVERTISING. These points were stressed again and again and the importance of them were summarized very plainly in Mr. Metzger's closing remarks.

He said: The dealers and shippers of potatoes are endeavoring to conduct a good legitimate business, giving a square deal all around. It is our wish to give the buyer as good or better stock than he thinks he is purchasing and also pay the farmer the utmost that the market will stand. To be able to do this, there are, however, a few important points which must be considered more closely such as storage, quality, quantity, warehousing, and loading of stock. The proper construction of bins, the segregation of diseased and slightly out of grade stock, proper heating methods, proper ventilation, etc., are perhaps the most important factors to bear in mind in connection with storage, or a considerable shrinkage will occur.

In regard to quantity, Michigan is in a geographic position to supply markets which consume 30,000 carloads, in all of which we have a distinct advantage over any other shipping point. Michigan's production for the past two years has been so far below this figure that we have not even the slightest factor in determining the national potato market. Its production in the seven years preceding 1925 averaged 17,200 carloads as against 6,000 carloads in 1925. This has been due to a reduction in acreage—you growers did your part—but on account of the weather man.

We are at present allowing Maine to ship from 30 to 50 cars daily right into our Detroit market while the industry in Michigan is still struggling to a point where Maine, Idaho, Wisconsin and Minnesota have also come into our markets. We were unfortunately this year in that the continued drought shortened what would otherwise have been a more representative crop than has been grown in a good many years. It is the wish of the Michigan shippers that a grad-

## Economy and Equalization Are Michigan's Present Tax Needs

(Continued from page 1)  
every outgoing public dollar to scrutiny to determine whether it was spent in full compliance with the law and according to the budget for which it was raised.

"There must be no more 'passing the buck' back to the local districts," remarked Mr. Newton. "School, highway, and other services now paid for largely by local taxation are of primary benefit to the whole state."



R. WAYNE NEWTON

Much of the present excessive taxation in the hardest hit localities results from state laws that require more taxation than the districts can afford. If better roads, streets, and schools are a state problem, then the legislature which sets out to provide them should also provide for their financing on a basis that will equalize the costs of what the State demands or needs along these lines.

"Our present laws restrict the field of taxation so that too many people avoid making direct payments to government in proportion to their ability. This condition promotes extravagance since many people pay taxes who fancy they are escaping. Everyone pays taxes in some amount whether he knows it or not. Taxes are paid at the grocery, the railroad station, the dry goods store, the bank and to the landlord. No small part of the cost of many articles and services is added on because of taxes already paid by the seller or those who sold to him. It would be a wholesome influence if all persons could pay more of their taxes directly and less of them indirectly."

Qualify is always a paramount consideration in any commodity. It is improving in Michigan each year as regards potatoes. This has been accomplished mainly thru the efforts of the growers, and, in particular, by the College. Potato Shows like this one do a great deal of good along these lines in the advancement of the potato industry.

At the time the work displayed at this meeting, there is no doubt but that great strides will be made by the Michigan potato industry during the next few years, according to Mr. Moore. Since the prosperity of all agencies is centered around the solution of the same problems, it is very opportune that this Potato Show should have brought them together to launch a concerted campaign.

Mr. Fred Hibst, Manager of the Michigan Potato Growers Exchange, gave a brief discourse and endorsed most heartily the idea of working together towards this common end.

## Carl Cetas Won the Ford Hayware Free Trip to 'Chi' in Nov.

Carl Cetas of Good Hart, Emmet County, was the winner of the trip to the 4-H Club Congress at Chicago, offered by the Ford Hayware Co. of Gaylord and the Saginaw Branch of the International Harvester Company.

This contest was open to all members of 4-H Potato Clubs in the Top O' Michigan who met the following requirements: 1. Must have been at least 15 years of age. 2. Must have been a second year club member. 3. Must have exhibited one peck of potatoes at the show. 4. Must have submitted a report on the exhibit. Award was made on basis of report and story, forty points; Exhibit at Show, forty points; and Interest in Club work, twenty points.

Carl is 19 years of age. This is his third year of Potato Club work. Last year, although every member of his club dropped their work, he decided to continue. Carl comes from a community where no other type of boys' work is carried on.

Carl grows both certified seed and table stock and carries on several types of experimental work for his own benefit. His report in brief is as follows: Fall plowed land better than spring plowed. Potatoes were better where fertilizer was used. Spraying seven times was very beneficial. Profit from certified seed was greater than from table stock.

Carl expects to grow more potatoes next year and then enter Michigan State College next fall.

## Six Hundred Three Exhibits Potatoes - Apples at Eighth Annual Show

(Continued from page 1)

**Certified Seed**  
In the Russet Rural Class first place was won by Elias Luening of Levering; second, J. D. Robinson, of Pellston; third, Harry Behling of Boyne City; fourth, John Soderman of Crystal Falls; fifth, Frank A. W. Behling of Boyne City; sixth, F. E. Wyrick of Alanson; seventh, Reiner Bros. and Hopp of Hawks; eighth, Pearl Banter of Pellston; ninth, Andy Novinger of Wolverine; tenth, George Coulter of Gaylord.

In the Irish Cobbler Class first place was won by J. D. Robinson of Pellston and second place by Fred Brady of Wolverine.

**Baking Potatoes**  
In the Baking Classes first place was won by Harry Behling of Boyne City; second, Victor Koronka of Gaylord; third, Hugh Campbell of Gaylord; fourth, George Skilton of Gaylord and fifth, Warren Gingell of Johannesburg.

The best individual Potato was exhibited by Harry Behling of Boyne City.

**Sweepstakes exhibit at the Show** was won by Frank Guy with his peck of Russet Rural.

In the 4-H Club Exhibits first place was won by the Five Lakes Potato Club of Gaylord, second, East Jordan Club; third, Alba Spud Growers of Alba; fourth, Lark Lake Potato Club of Pellston; fifth, Van Potato Club of Van; sixth, Hayes Potato Club of Gaylord.

In the Smith-Hughes Classes first place was won by the Alanson High School; second, Harbor Springs High School; third, Boyne Falls High School; fourth, Manelona High School; fifth, Onaway High School; sixth, Bellaire High School.

**Junior Open Class**  
In the Open Classes for members of 4-H Clubs and Smith-Hughes Students only, first place was won by Emory Rotter of Alanson; second, Albert Cetas of Harbor Springs; third, Gwendon Hill of East Jordan; fourth, Lyle A. Jenkins, fifth, Carl Widger of Gaylord; sixth, Albert Omerland of East Jordan; seventh, Russel Skilton of Gaylord; eighth, Ray Warner of Gaylord; ninth, Richard O'Reilly of Alanson; and tenth, Clifford Drier of Van.

In the Junior Class of any other variety than Russet Rural first place was won by George Sneathen of Charlevoix; second, Hugh Heynig of Harbor Springs and third, Ernest Schmidt of Alanson.

**Junior Sweepstakes** was won by Emory Rotter.

**Apple Classes—Plates**  
Homer Waring of Kewadin won first place in plates of McIntosh, Northern Spy, Stark, Delicious and any other variety (King). He won third with Snow.

D. D. Tibbitts of Boyne City won first in Wealthy and Wagner; second in McIntosh, Snow, Northern Spy and any other variety (Hubbardston). He won third in Wolf River.

P. B. Gillaspie of Cheboygan won first in Snow, Wolf River, and Jonathan. He won second in Wealthy and third in McIntosh, Northern Spy and any other variety (Tallman Sweet).

F. W. Crowl of Harbor Springs won second in Wealthy, Wolf River, Wagner, Golden Russet and Jonathan and third in Stark Delicious.

In N. W. Greening-Sam Hutzler of Glenora won first; M. A. Pymene of Lewiston second, and J. Pymene of Lewiston, third.

Martina Hansen of Kewadin won first in Wagner and Mrs. I. Ide of Potosky first in Golden Russet; William Duncan of Spratt was third in Golden Russet.

**Sweepstakes in plates** was won by Homer Waring with McIntosh.

**Apple Trays**  
Homer Waring won first in McIntosh and any other variety (King). He won second in Snow and Northern Spy.

D. D. Tibbitts won first in Wealthy and Wagner, second in Wolf River and third in McIntosh.

P. B. Gillaspie won first in Wolf River, Snow, Jonathan, and Stark Delicious, second in McIntosh, Wealthy, and any other variety (Winter Banana), third in Northern Spy and any other variety (Tallman Sweet).

F. E. Crowl won first in Northern Spy, and Golden Russet, second in Wagner and third in Snow, Wealthy and Wolf River.

H. B. Elliot of Alden won third in Wagner and Mrs. J. Ide second in Golden Russet.

**Sweepstakes in trays of apples** was won by D. D. Tibbitts.

**Bushel Apples**  
First place won by Homer Waring with McIntosh; second, P. B. Gillaspie with Wealthy; third, Martin Hansen with Wagner; fourth, P. B. Gillaspie with Snow; fifth, D. D. Tibbitts with McIntosh; sixth, seventh, eighth, ninth by P. B. Gillaspie with Wolf River, Stark Delicious, McIntosh and Tallman Sweet, respectively; tenth, D. D. Tibbitts with Hubbardston.

**Special Display**  
In the Special Display of 50 apples of any four varieties, first place was won by Homer Waring; second, D. D. Tibbitts; third, P. B. Gillaspie; fourth, H. B. Elliot.

**Fancy Pack**  
In the class of Fancy Pack for special commercial trade, Homer Waring won first and second with

McIntosh and King. H. B. Elliot was third with Wagner.

**Best Apple**  
Homer Waring won the prize for the best apple in competition with twelve other exhibitors.

**Special Prizes**  
The silver loving cup offered by the Michigan Business Farmer (now Michigan Farmer) for the best peck of Russet Rural was won by Frank Guy of Pellston.

The \$5.00 offered by the Otsego County Herald Times to the best individual sample in the Junior Department was won by Emory Rotter of Alanson.

The silver loving cup offered by the Michigan Central Railroad to the best 4-H Club exhibit was won by the Five Lakes Potato Club of Gaylord.

The Alpena News cup for best exhibit of potatoes from Alpena, Alcona, Presque Isle or Montmorency counties was won by Rudolph Klee of Hawks.

The Michigan State Farm Bureau special prize of 1750 pounds of 3-12-4 fertilizer was divided as follows: Rudolph Klee, 1,000 pounds; Martin Hasselmann of Hawks, 500 pounds; Reiner Bros. and Hopp of Hawks, 250 pounds.

The silver loving cup offered by the Tri-County Telephone Company was won by J. D. Robinson of Pellston.

The 1,000 pounds of Agrico fertilizer for potatoes, offered by the American Agricultural Chemical Co., was won by J. D. Robinson.

Every exhibitor who won a prize at this show receives a new (or renewed) subscription to the Michigan Farmer for one year.

## Banquet Enjoyed by Over 300 Men and Boys on Thursday

The Annual Banquet, which is the highlight of the three days activities was held Thursday evening at 6:30, with Al Weber, editor of the Cheboygan Observer, as Master of Ceremonies.

Over 300 farmers, their wives and children, from all over the Top O' Michigan, were present to be entertained by the speakers and singers.

A special table near the speakers stand was reserved for the Kalkaska Board of Supervisors who attended in a body.

It looked like a long program when one viewed the talent assembled about the speakers' table, but by far the most all was over.

Percy Taylor of the Federal Farm Board, Washington D. C., and H. W. Tomlinson of Bay City were the headliners, ably assisted by Miss Edna Smith of the Michigan State College, and the Honorable H. E. Powell, Commissioner of Agriculture at Lansing.

Mr. Taylor emphasized the importance of cooperation and the preparation of standard products of high quality and careful consideration of over production are factors in farm relief. He also told how the Federal Farm Board operated.

Mr. Tomlinson, who is a wholesaler shoe distributor by profession, gave an inspirational talk, stressing the value of more knowledge in our business activities.

The Branches Bros., 9 and 11 years of age, gave several musical selections.

Mr. MacDonald, secretary of the Potosky Chamber of Commerce, also gave a humorous talk on music.

And last but not least, the Rainbow Quartette of the Pennsylvania Railroad sang many songs to the enjoyment of the audience.

The list of winners was announced by the Secretary and the special prizes presented by their donors or special representatives.

**About the Show**  
Moore and Livermore or Livermore and Moore were the judges in the potato classes. Often they sighed "are there any more?" They were told "there are 'More' and 'More'." This show had the largest entry of potatoes in its eight years with 445. There were 124 entries in the open class of peck Russet Rural.

The entire Board of Supervisors of Kalkaska County came over on Thursday. Kalkaska county is one of the newest members of the Association and we are glad to see this interest. There were twenty exhibits of potatoes from Kalkaska county.

H. C. Moore of Michigan State College, in charge of Seed Potato Certification, told the certified seed growers that there was about one-half the usual acreage of certified seed in the state this year and about one-half the usual yield.

The show was honored to have Honorable Herbert E. Powell, Commissioner of the State Department of Agriculture spend a few hours at the show. He arrived Thursday.

There must be rain for rainbows to appear. It rained most of Tuesday and Wednesday morning. Wednesday noon the Rainbow Quartette

## Homemaking Is A Profession Which Involves Many People

(Continued from page 1)  
food is not thought of as an end in itself but of in terms of right foods to provide abundant vigor and health.

"The home is not simply a lodging house where one goes to sleep, out it should be such that it provides complete relaxation, rest and recuperation. This is provided not only in comfortable beds, but with restful coloring of walls, arrangement of furniture and the lack of too many knick-knacks.

"The modern home is thought of as a place which emphasizes preparation for right living rather than a place for punishment for wrong-doing."

The Home Economics Extension Department is now offering service to the farm women in Michigan in the following subjects:

**Foods and Nutrition**  
Teaching how to select food in accordance with standards for health and growth, preparing it so that it will be appetizing and palatable and teaching the family the wisdom of a well-balanced diet are the phases presented in this project.

**Clothing**  
One of the greatest problems facing the farm women of today is how to clothe herself and family becoming and suitably at a low cost. This service is helping to solve this problem by showing how to select materials wisely, how to choose ready-made garments and if she wishes, how to sew for herself and children.

**Home Furnishing**  
The purpose of this study is to help make the home a place where people may live so as to get the fullest enjoyment from life—as how to make the home more attractive by arranging the furniture for restfulness and comfort, how to choose good backgrounds for the rooms as well as how to secure beauty and color through the addition of the right accessories.

**Child Care and Development**  
For the most part this is taking the form of parent education. Mothers and fathers too, are studying to gain a better understanding of the child mind at different stages of his development and to acquire a greater knowledge of the psychology governing the formation of habits.

The Pennsylvania Railroad appeared and sang songs of cheer. The weather cleared during early afternoon.

A. C. Lytle, who was secretary of the show for the first seven years, visited the show as a spectator. A. C. is now selling certified seed potatoes for the Potato Growers' Exchange.

The Michigan State College and the State Department of Agriculture had nice exhibits at the show this year.

The Cheboygan Daily Tribune gave a beautiful loving cup for the best exhibit of Certified Alfalfa Seed. This was won by Albert Dietz of Hawks. This is the first time alfalfa seed has been included and will likely be a yearly feature. This cup must be won three years for permanent possession.

**APPLE PIE CONTEST**  
First, Mrs. Percy Reed of Levering; second, Albert Sydow of Good Hart; third, Mrs. Benzer of Gaylord; fourth, N. H. Malone of East Jordan; fifth, Mrs. Arthur Ludlow of Potosky. Awards of Merit were made to Mrs. Jack Holewinski of Gaylord; Mrs. Hannah Anderson of Potosky; Mrs. Gezina Veenstra of Ellsworth; Mrs. Libeke of Gaylord; Mrs. Frank Wyrick of Alanson; Mrs. M. Collier of Potosky. The remainder of the 38 contestants received 50 cents each.

**POTATO PEELING**  
First, Mrs. W. H. Green of Gaylord; second, Mrs. Rutan of Vanderbilt; third, Mrs. Ernest Wegmeyer of Haddon; fourth, Mrs. Bullimore of Vanderbilt; fifth, Mrs. F. Woodin of Gaylord; sixth, Mrs. R. Moorhead of Gaylord; seventh, Mrs. Jane Chapman of Gaylord.

**POTATO JUDGING**  
First, J. Fred Brady of Wolverine; second, J. N. Bower of Hillman; third, Carl Dorrance of Indian River; fourth, Russel Vizina of Afton.

## Seed Producers Annual Luncheon

OVER 200 GROWERS ENJOY MEAL AND EXCEPTIONAL PROGRAM

The third annual Certified Seed Growers Luncheon Wednesday noon was well attended. Over 200 potato growers and their wives ate together in the dining hall of the 4-H Club Camp and listened to talks by H. C. Moore, potato specialist at Michigan State College; J. R. Livermore, potato specialist of Cornell University and Guy Eppler, of Potosky, Master Potato Grower of last year's show.

Mr. Moore emphasized the importance of early planting as a precaution against field frost injury at digging time.

He stated that potatoes in this district should be planted from the middle to the twenty-fifth of May instead of June first to tenth, because the Russet Rural Potato needs a growing season of from 120 to 180 days for complete maturity.

Mr. Moore emphasized the importance of quality and remarked that the housewife was interested in how the potato looked on the inside as well as the outside. If Michigan is to hold its place in the city markets with potatoes from Maine and New York, more care must be used in production.

In closing Mr. Moore recommended the following practices: First—Careful spraying; second, more general use of commercial fertilizer and green manures, plowed down; third, closer planting of seed pieces to reduce hollow heart and increase the number of medium sized potatoes; fourth, the use of 20 to 25 bushels per acre of certified seed for planting.

J. R. Livermore then addressed the group on New York's method of Potato Improvement. He was followed by Guy Eppler of Potosky, who told of his trip to Maine and Prince Edward Island with a special trainload of Pennsylvania Potato Growers last August. The talks given by Mr. Livermore and Mr. Eppler are found elsewhere in this issue.

**BENZONIA WINNER OF CHOIR CONTEST**  
(Continued from page 1)  
shown in the singing has been greatly helped by these contests, and now a choir that wins any of the first five places, to say nothing of the first place, can well be proud of its effort.

The five winners this year in the order named were: Benzonias, \$80.00; Kaleva, \$40.00; East Jordan, \$20.00; Brothers, \$10.00 and Atwood, \$10.00. East Jordan won first last year.

This is the second year for Benzonias to win first. Over 500 people attended the contest.

**PREMIER FARMERS FROM PRESQUE ISLE**  
(Continued from page 1)  
from the other district Shows at the State Show during Farmers' Week next February.

Next farmers are expected to win the State contest and receive the grand prize of a free trip to some other great potato producing center. According to J. J. Bird this yield is the highest reported in the contest to date, the Upper Peninsula potato Show winner had a yield of 345 bushels per acre.

**POTATO GRADING CONTEST**  
First, Irvin Cole of Alanson; second, David Reimer of Hawks; third, Irvin Hopp of Hawks; fourth, A. N. McDonald, Millersburg; fifth, George Barrie of Hillman; sixth, Fred Reiner of Hawks; seventh, Rudolph Klee of Hawks; eighth, Dale Nichols of Pellston; ninth, Ira Dunlap of Kalkaska; tenth, George Skilton of Gaylord.

**POTATO JUDGING**  
First, J. Fred Brady of Wolverine; second, J. N. Bower of Hillman; third, Carl Dorrance of Indian River; fourth, Russel Vizina of Afton.

## INCREASE your FARM PROFITS

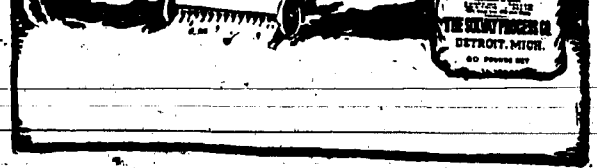
Apply **SOLVAY** PULVERIZED LIMESTONE This fall and early winter

By spreading limestone now you allow it to become thoroughly mixed with the soil, and available for Spring seedings.

Right now you can get the most out of your labor, horse and truck power, when not burdened with a rush of such work as they face in the Spring.

Solvay Pulverized Limestone is delivered in 80 lb. bags or bulk according to your order. See your local dealer or write us direct for prices, and your FREE copy of the Solvay Limestone Booklet.

**SOLVAY SALES CORPORATION**  
7501 W. Jefferson Ave., Detroit, Michigan





VILLAGE COUNCIL  
PROCEEDINGS

Meeting held on the 6th day of October A. D. 1930, Grayling, Mich. Meeting called to order by President C. W. Olsen.

Trustees present: Thomas Cassidy, A. L. Roberts, Emil Giegling, E. G. Shaw and A. J. Joseph. Absent: Frank Sales.

Minutes of last meeting read and approved.

Report of Finance Committee:

To the President and members of the Common Council of the Village of Grayling:

Your committee on Finance, Claims and Accounts respectfully recommend that the accompanying bills be allowed as follows:

1 Michigan Public Service Co., pumphouse power	\$284.83
2 Michigan Public Service Co., pumphouse lights	1.00
3 Michigan Public Service Co., traffic light	11.90
4 Michigan Public Service Co., tourist park	2.50
5 Michigan Public Service Co., fire siren	3.00
6 Michigan Public Service Co., band stand	1.00
7 Michigan Public Service Co., hose house	1.00
8 Michigan Public Service Co., street lights	110.00
9 Michigan Public Service Co., street lights	168.00
10 Tri-County Telephone Co., Inv. 10-1	10.00
11 Grayling Hardware, Inv. 10-1	8.12
12 Drs. Keyport & Clippert, Turner	\$32.00
13 Drs. Keyport & Clippert, Curley	63.00
14 Corwin Auto Sales, Inv. 10-1	31.19
15 F. B. Deckert, Inv. 10-1	12.28
16 Burkes Garage, Inv. 10-1	10.50
17 Grayling Box Co., Inv. 9-9	\$ 6.30
18 Grayling Box Co., Inv. 9-10	23.40
19 Grayling Box Co., Inv. 9-18	.80
20 E. T. Eastman, Inv. 9-15	53.32
21 M. C. R. Co., Inv. 9-6	5.95
22 Standard Oil Co., Inv. 9-10	48.40
23 Grayling Machine Shop, Inv. 9-10	26.40
24 O. P. Schumann, Inv. 9-1	23.55
25 Hanson Hardware Co., Inv. 9-1	50.09
26 Earl W. Nelson, Inv. 9-3	29.70
27 Fairbanks, Morse & Co., Inv. 8-29	44.45
28 Len Isenhauer, payroll ending 9-12	48.15
29 Len Isenhauer, payroll ending 9-19	45.75
30 Len Isenhauer, payroll ending 9-26	52.50
31 Len Isenhauer, payroll ending 10-3	45.00

O. K. with the exception of item No. 12 which is to be referred to the Board of Supervisors for reimbursement.

Moved by Thomas Cassidy and supported by E. G. Shaw that the bills be allowed as read and orders drawn on the Treasurer for same. Yea and nay vote called. Yea: Cassidy, Roberts, Giegling, Shaw and Joseph. Motion carried.

WHEREAS, a petition has been filed by the owners of the property situated on the end of the cement pavement to the Tourist Park, requesting the improvement and paving of said street.

AND WHEREAS, the condition of said street has been thoroughly investigated and has been found to be in need of such improvement to insure the public health and safety of the community.

AND WHEREAS, the advice and counsel of road experts has been requested and this body especially by J. W. Perkins of the State Highway Department.

AND WHEREAS, this body has found it to be advantageous and most economical to construct a roadway known and described as a Colas Asphalt pavement.

AND WHEREAS, it has been found by this body that such pavement can be obtained most economically from one J. W. Pennycook.

NOW THEREFORE LET IT BE

RESOLVED, that to insure the public health and safety of the community and after advice and counsel of road experts that Michigan Avenue be paved with Colas Asphalt.

BE IT FURTHER RESOLVED, that contract be awarded to one J. W. Pennycook.

Moved by A. J. Joseph and supported by Thomas Cassidy that the above resolution be accepted and adopted. Yea and nay vote called.

Yea: Cassidy, Roberts, Giegling, Shaw and Joseph. Motion carried.

Moved by A. J. Joseph and supported by Thomas Cassidy that the President and Clerk be empowered to enter into contract with J. W. Pennycook for treatment of street with Colas Asphalt from end of pavement on Michigan Avenue to Tourist Park, 30 feet wide, and from there to four corners near Fish Hatchery, 20 feet wide. Approximate lineal feet—3,450; at a price of \$3,000.00 including labor and material needed. Payable

to be borne by abutting property owners on Michigan Avenue, at a cost of \$25.00 for each 60 foot lot. Balance of cost to be borne by Village of Grayling.

Yea and nay vote called. Yea: Cassidy, Roberts, Giegling, Shaw and Joseph. Motion carried.

Moved and supported that we adjourn. Motion carried.

Lorane Sparkes Clerk.

C. W. Olsen, President.

A FAMOUS WAR HORSE

According to the Navy Recruiting Station, Detroit, probably the oldest horse in the service of his country is "Old Tom" who, as a two-year-old

colt, enlisted for life in the U. S. Marine Corps as far back as 1894. He went to Cuba with the American troops in 1898, and there served as a personal mount of General Elliott, U. S. M. C., retired. He was with Roosevelt and his Rough Riders when they stormed the San Juan Hill. He is not without battle scars and expertise in the art of warfare. He was retired to the marine barracks, navy yard, Portsmouth, N. H., on full rations, several years ago. He is still, at the age of 37, so lively that it took three men to capture him recently when he was turned out in the pasture at the navy yard. Since the department has ceased to provide for him the men at the navy yard have raised the necessary funds to keep him.

Cooked cucumbers may be a novelty to your family. Pare and quarter them, and prepare as you would prepared squash. Serve with melted butter or a sauce if desired.

ILL 15 YEARS KONJOLA BRINGS QUICK RELIEF

Detroit Man Payer To Tell Other Sufferers About New Medicine— "Best Of All," He Says.

"For the past fifteen years I have suffered from stomach trouble and constipation," said Mr. Roy Brown, 7684 Richmond street, Detroit. "I was forced to use laxatives almost daily. I did not sleep well at night and my nerves were becoming badly affected. I was down to 98 pounds and feeling utterly miserable. Nearly everything I ate seemed to remain in a lump in my stomach and caused me great pain. Gases formed from nearly everything I ate.

"Since I have finished my seventh bottle of Konjola I can eat practically anything I wish without distress. I have gained steadily in weight, and can sleep soundly at night. My general health has improved wonderfully and I feel that I owe all this to Konjola."

It is logical to believe that what Konjola has done for others it will do for you—everyone. This is especially true when this great medicine is given a real test over a period of from six to eight weeks.

Konjola is sold in Grayling, Michigan at the Mac & Gidley drug store and by all the best druggists in all towns throughout this entire section.

MR. ROY BROWN

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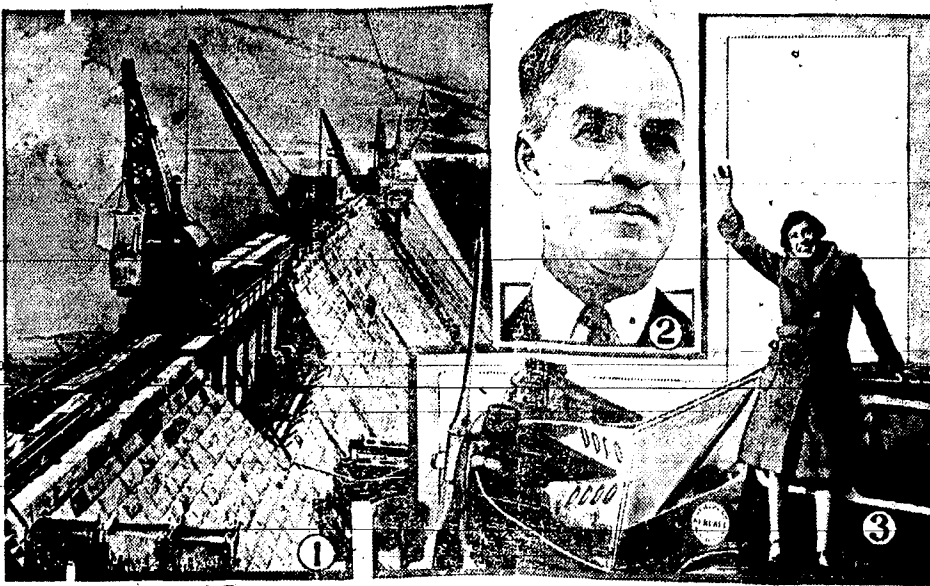
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1—Ten million dollar dam near Bradford, Yorkshire, third largest in the world, which is nearing completion. 2—Col. Arthur Woods of New York, who is chairman of the President's emergency committee on relief of unemployment. 3—Mrs. Keith Miller of Australia, veteran aviator, at the completion of her flight from Los Angeles to New York in 21 hours and 47 minutes, a new record for women flyers.

## AGRICULTURAL NOTES



Ewes should be gaining in weight to rust but are also equal to superior timothy, rape, or bluegrass pasture, if possible. Fall growths of clover are not satisfactory. Some grain may be fed as a supplement to pasture. Oats are a better supplement than corn. Pumpkins strewn over the field are excellent.

Seed corn can be protected from weevils or grain moths by storing it in tight mouse-proof receptacles and inclosing one pound of moth balls or naphthalene for each bushel of corn. This will prevent damage by the insects and will not injure the seed. The corn should be thoroughly dry before storing.

A herd of hogs can be improved by using a purebred boar and grade sows, but it can be improved much more quickly with purebred sows and a purebred sire. Even with only one sow, a good-sized herd can be obtained in a very short time. By starting with a purebred sow, keeping her sow pigs, and breeding them regularly, more than 300 pigs can be obtained in 3 years.

Keep Cows Clean—Keep dairy cows clean if you want a low bacterial count in your milk. says the Bureau of Dairy Industry, U. S. Department of Agriculture. In an experiment in which open, sterilized milk pails were used, samples of fresh milk from uncleaned cows had an average bacterial count of 55,208 per cubic centimeter, while samples of fresh milk from clean cows had an average count of only 4,947 bacteria per cubic centimeter. Cows kept in stables need a thorough grooming at least once a day. Clip the long hairs from the udder and flanks. Before milking, wipe the udder, flanks, and udder with a clean, damp cloth. Satisfactory bedding, proper stable construction and frequent removal of manure also help to keep cows clean.

Planning The Orchard—One of the most common mistakes in planting an apple orchard is to get the trees too close together, say horticulturists of the U. S. Department of Agriculture. Too close spacing first causes the roots to crowd together and later, the branches. In deciding upon the distance between trees, take into account the variety, the character of the soil, and the region. Different varieties vary in vigor and strength of growth and in expansion of limbs. A most fertile soil will produce a larger tree than a soil lacking in fertility. In some cases, fall, says the U. S. Department of Agriculture. This will largely reduce the danger of infection from this disease but this is not a case for permanent structure—diseases. Rust-resistant trees. In some of the older apple growers and seedsmen under the Washington Stock, Martha times more. Probably distances of Washington, and Mary Washington, 33 to 35 feet apart are best for general planting. Although these strains are resistant to rust, it should be understood that these trees should be somewhat farther apart than where ample moisture. These strains are not only resistant to rust but are also equal to superior timothy, rape, or bluegrass pasture, if possible. Fall growths of clover are not satisfactory. Some grain may be fed as a supplement to pasture. Oats are a better supplement than corn. Pumpkins strewn over the field are excellent.

Control By Starvation—Control of crop diseases caused by weevils, or nematodes, is very difficult because the soil and infested plants is a source of continual reproduction. Crop rotation is the best way to prevent and control these pests, says the U. S. Department of Agriculture. Don't plant banana or perennial crops unless they are immune to nematode diseases. Only plants that are immune should be planted on infested soil. Choose quick-growing and quick-maturing crops. Try to give the crops a good start before the active season of a nematode pest arrives. It is also necessary to keep down the weeds, as they are often attacked by nemas and may carry the pest over a rotation period.

Christmas Seals—Another season is fast approaching when we will be asked to buy Christmas seals. Already preparations for the successful conduct of this campaign is being made. For every dollar spent in buying Christmas seals, we get splendid results from our generosity.

Remember this when you are asked to buy seals—we get such good returns for our kindness.

SOME AMERICAN OBSERVATIONS—(By Jay Taylor)

In the course of time our planet will cease revolving on its axis, scientists tell us, and like the moon will have the same side turned always toward the sun. There will then be no water remaining on the hot side of the earth and the temperature on the cold side will be 50 degrees or more below zero. This slight change in our environment, however, it is expected to take place for two thousand million years, so you needn't start worrying yet.

Magnifying all news that is disturbing to any nation and minimizing all that is creditable is the most effective and dishonorable method of misrepresentation. And this is exactly the method used persistently against American by most of those European news agencies that operate under government subsidies.

The United States aircraft carrier Lexington, which was commissioned two years ago, is said to be the speediest large vessel afloat. This great warship carries 70 fighting airplanes and 1,300 men, but it is a messenger of peace—for America.

New York is to spend in the near future two hundred and fifty million dollars on a radio group of buildings. This would seem to indicate that the men of Manhattan still have confidence in the future of the United States.

President Rubio of Mexico is a warm friend of Ambassador Morrow. He thinks that the Ambassador's sound sense and effective diplomacy has much to do with the present cordial relations existing between the two republics.

Mr. McAtee of the Department of Agriculture tells us that wild life conservation is worth a billion dollars a year, to this country.

How Old Are You?

This Is The Date I'm 48

My Mind is Keen—My Skin is Clear—Of Petty Ills I Have No Fear

No doubt about it—I am 48 and never felt better in my life—I feel like 30 and you can take my word for it—it's the little Daily Dose of Kruschen—That Does It.

Once I was fat and forty—had headaches aplenty—Was tired out most of the time—My liver was sluggish and my bowels inactive—I searched for a real remedy and by good fortune I found it in Kruschen Salts.

Eat isn't healthy so Physicians state and I want to say to this worldful of fat people—that the Kruschen Method of losing fat is safe, sure and sensible—just cut out sweets—pies, pastries and ice cream for a month—go light on potatoes, rice, butter, cream and sugar—and I forget to take one-half a teaspoon of Kruschen Salts in a glass of water before breakfast every morning.

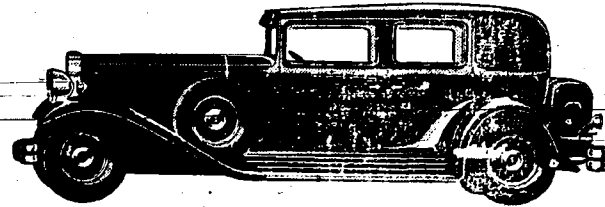
3 a. I could induce every overweight person on earth to try this splendid method—it surely doesn't cost but a trifle—for an 85 cent bottle lasts 4 weeks and can be bought at Mac & Gidley's drug store or any drug store in the world—Get it—Grow Thin—Feel younger.

THURSDAY, NOVEMBER 7, 1930

Grayling, Michigan

## THE New NASH

Appearance and comfort are notably advanced. Performance is smoother, more thrilling than ever.



The new Nash cars are the fastest, the most powerful, the finest performing cars that have ever borne the Nash emblem. They embody the choicest materials—the most careful, expert workmanship. They bring you more motor car beauty and comfort than ever. And, in downright dollar value, they far exceed anything in their respective price fields. We should like to show the new Nash cars and demonstrate them in any way you desire.

New 6-60 Series \$795 to \$845

New 8-80 Series \$1245 to \$1375

New 8-70 Series \$945 to \$995

New 8-95 Series \$1585 to \$2125

(Price List Subject to Change)

A NEW DEAL FOR TODAY'S DOLLAR

T. E. DOUGLAS

Grayling, Michigan

## Interesting Events In Grayling 23 Years Ago

INTERESTING ITEMS OF NEWS GATHERED FROM THE FILES OF THE AVALANCHE OF 23 YEARS AGO

Thursday, November 7, 1907

B. Rittenburg, postmaster of

Houghton Lake is in town visiting

friends.

Deer season opens Nov. 10 and lasts

20 days to December 1st, with a limit

of two deer to each hunter.

John Stephan is building a new

house, 38 by 50, on his farm down the

river.

Miss Katie Bates will go to Atlanta

next week for a short course in special

art work.

Gama Fi Delta will meet at the

home of Miss Edna McCullough Fri-

day evening, Nov. 8th.

Leon Stephan is hobnobbing around

on crutches, on account of an

injury to his right leg.

125 loads of potatoes were bought

by local dealers in Grayling last week

at 85 cents per bushel.

Football game next Saturday on

the ball grounds between Grayling

High School and West Branch.

Andrew Smith and wife have re-

turned from their wedding trip to the

west, and will now be "at home"

to their friends here.

The friends of Frank Phelps, which

means all of our people, will be glad

to know that he will remain in the

old drug store, with the new firm.

big wheels and killed instantly.

Ed. Chatter was in town Monday,

shaking hands with his numerous

friends. He has almost entirely re-

covered from his long illness.

Mr. and Mrs. Chas. Stannard re-

turned to their home here Tuesday

evening. He is much improved in

health and thinks, as we hope, that

he is all right now.

Mrs. Francis Weinburg, nee Kraus,

now of Saginaw, is spending the

week at the paternal home and

among her old friends here who give

her generous welcome.

S. L. Roberts knew we were fond

of radishes and sent down a little

one which only weighed six pounds.

It was crisp and tender as the little

ones and we think will do for the

winter.

The Italian who was arrested for

shooting at Lester McPeak, after be-

ing put off his engine, was held for

trial at the January term of the Cir-

cuit Court on his examination before

Justice Niederer last week. He gave

bail for his appearance.

About the last of the berry season,

Eugene Smith lost his watch, which

he was unable to find, though repeat-

ed search was made. About two

weeks ago Wilhelm Anderson was out

hunting and found the ticker and

but men are scarce.

much. Everyone happy by promptly re-

turning it as soon as he learned of

its ownership.

Our citizens are given a genuine

surprise this week, by the announce-

ment that L. Fournier had sold his

drug business and would retire for a

time from active work. Mr. Fournier

has been a fixture here so long and

his well and favorably known in our

social as well as business world, that

the change seems incredible. While

all regret his action, all will acknowl-

edge that he deserves the rest, and

will unite in wishing him continued

prosperity.

To the citizens of Grayling and

Crawford County: Having purchased

the drug stock of L. Fournier, to con-

tinue the business at the old stand,



## NEWS REVIEW OF CURRENT EVENTS

### Dr. Getulio Vargas Becomes the New President of Brazilian Republic.

By EDWARD W. PICKARD

GREETED everywhere by cheering throngs and showered with flowers, Dr. Getulio Vargas made a triumphal progress from southern Brazil, through Sao Paulo to Rio de Janeiro, and assumed the presidency of his country. This was the culmination of the revolutionary movement which he had so skillfully led. The military junta that took over the government in Rio when President Washington Luis resigned under compulsion speedily settled the impending quarrel among the various leaders of the rebellion and selected Vargas as the new President. He was a candidate for that office in the last election, in which Julio Prestes was victorious, and his supporters claimed he was defeated by fraudulent count of the votes.

Following Vargas up to Rio were thousands of his revolutionary troops, mainly gauchos, rough cavalrymen, unshaven, tanned and clad in khaki and wide brimmed hats. The other armies of the movement also gathered in the capital city and plans were made for a great military parade on November 15, the forty-second anniversary of the republic.

A proclamation issued early in the week said in part:

"The government headed by Doctor Vargas will direct the republic of Brazil without any promises and in accordance with the program of the Liberal Alliance. The duration of Doctor Vargas' government, which will be as constitutional as possible, will be for an undetermined period, until the public life of Brazil has been reconstructed."

The final hours of the revolution were marked by considerable violence and disorder. In Rio a detachment of troops tried a last resistance which was quickly quelled with bloodshed. There was much rioting in various cities, especially in Sao Paulo where mobs burned Cambray prison and liberated all the prisoners and also the gambling places and political clubs.

WITH understandable indignation, President Hoover denounced as "infamous" the oil shale land charges made against the Department of the Interior by Ralph S. Kelley who was an employee of the land office, which charges were declared unfounded by the Department of Justice after an investigation. The President asserted the whole affair was "an attempt to charge odious scandals to this administration," and he was especially severe on the New York World which published Kelley's story in serial form. The publication, he said, was purposely delayed to be made in the midst of the political campaign.

The Kelley negotiated the sale of his story to the World for \$50,000. "As a newspaper journalist it may be a fair question," Kelley wrote in his story, "but it certainly does not represent the practices of better American journalism. As a place of politics it is certainly far below the ideals of political partisanship held by substantial men in that party."

In reply the World said: "The articles themselves were replete with specific facts, names, dates, and figures. They raised questions which seemed to the world at the time and still seem to the world to call for exhaustive investigation. The only investigation which they have had is a brief survey into Secretary Wilbur's department conducted by an agent of one of Secretary Wilbur's colleagues in Mr. Hoover's cabinet. This agent has denied the accuracy of Mr. Kelley's charges. Mr. Kelley, speaking as the former expert of the government and speaking on the basis of his 25 years of honest service to the government, has repeated his charges."

It seems to us that these charges call for a more thorough investigation than they have yet received by an agency whose motives are perhaps less partisan. Such an agency is the public lands committee of the senate. It is quite apparent that the public lands committee will initiate an investigation as soon as congress meets. It will be time then, we suggest to Mr. Hoover, to determine precisely how 'reckless, baseless, and infamous' Mr. Kelley's charges are."

COINCIDING with the celebration of the Navy day in the United States, the London three-power naval treaty was put into effect with the formal depositing of the ratifications of the signatory powers in the British foreign office. Prime Minister MacDonald, Foreign Minister Henderson, American Ambassador Davies and Japanese Ambassador Matsudaira took part in the ceremony, while the French and Italian ambassadors looked on. To mark the event, President Hoover and the prime ministers of Great Britain and Japan exchanged felicitations, which were broadcast to the world by radio. Mr. Hoover expressed the hope that the limitations effected at London would be followed soon by further reductions in naval armaments; and both he and Mr. MacDonald urged France and Italy to an agreement so the pact can be made a five-power treaty.

FRANCO-ITALIAN relations were not improved during the week, for Premier Mussolini took advantage of the eighth anniversary of the march of the Fascist on Rome to indulge in another of his provocative attacks on his neighbors. He said Fascist Italy is surrounded by enemies and that a state of "moral warfare" already has been declared against it in preparation for military war. He displayed a little book in which, he said, he noted down the day by day military preparations of 1927-1928, 1929 and 1930 against Italy, long before my speeches at Leghorn, Florence and Milan. Here is a complete list of batteries placed, forts constructed and armaments created and put in place."

Of course, referred to the

formidable chain of fortresses and machine gun nests which the French are constructing on their eastern frontier, recently described in dispatches from Paris. In the course of his speech the duce clearly revealed the fact that Italy has lined up with the nations that were its enemies in the World War in their demand that the peace treaties be revised and the League of Nations covenant be reshaped.

GERMANY'S Fascists in the reichstag met with defeat when the foreign affairs committee rejected their motions demanding that Germany cancel the Versailles treaty and immediately cease all reparations under the Young plan. The committee adopted a motion presented by Doctor Daugherly, representing the German People's party, requesting the government to take all steps necessary to induce other signatories of the Versailles treaty to fulfill the pledge to disarm.

EUROPE, and especially Great Britain, was deeply interested in a conference in Ankara participated in by President Kemal Pasha of Turkey, Premier Kemal of Hungary and Premier Venizelos of Greece. While the parley was looked upon as a good augury for future peace in the near east, it also was thought the three nations might be getting ready to join the concerted action for revision of the peace treaties. Greece and Turkey, it was said, were discussing a treaty of mutual limitation and would sign friendship and commercial pacts.

ADDIS ABABA, capital of Ethiopia, "better known as the Abyssinian scene," of a gorgeous ceremony on November 2. Ras Tafari, self styled "Inheritor of the Throne of David, King of Kings and Anointed of God," on that day mounted the throne as Emperor Haile Selassie I, being the 33rd sovereign of that empire. A few days previously he had killed a lion, for Ethiopian tradition is that no man is fit to rule the state or command warriors until he has performed that feat.

For a week or more deputations from other nations and tourists from many lands had been gathering and the state and religious officials had been preparing for the great event. Ras Tafari spent \$2,000,000 of his own money for crowns, robes, carriages, triumphal arches and other paraphernalia and the expenditures of the government were as much, so there was no lack of splendor or entertainment. Many other rulers sent handsome coronation presents. President Hoover's gift, in accordance with the American custom, was an autographed photograph of himself.

Modern Abyssinians claim their first king was Ori, or Aram, son of Shem and grandson of Noah; and Emperor Selassie traces his descent from Solomon and the Queen of Sheba, making his dynasty the "best royal house in the world."

IT WAS roughly estimated last week that funds totaling nearly a billion dollars had already been utilized to relieve the unemployment situation by providing work for the jobless. By sections, the Pacific coast leads with about \$475,000,000, and the Middle West comes next with \$285,000,000. For its part the government is pushing ahead many public works projects, ordered the employment of some 250,000 extra men by the Post Office department during the holiday rush and stopped the dropping of employees at naval stations. The President's emergency committee on unemployment, headed by Col. Arthur Woods, is hard at work co-ordinating the efforts of all governments and organizations.

LEADING pharmacologists of the world gathered in St. Louis and held a two-day celebration of the tercentenary of the first recognized use of quinine. The bark was used in 1630 to cure the malaria of Juan Lopez Comanera, a Spanish statesman. Among those attending the meeting was Dr. M. Kerbosch, director of the government cinchona plantation in Java and considered the world's expert on natural sources of quinine.

SAVAGE head-hunters who inhabit the mountainous region in the center of Formosa have revolted against their Japanese rulers and gone on the warpath. Recent dispatches say they have killed many scores of Japanese and peaceful natives and destroyed some villages. The war office in Tokyo sent large detachments of troops to help the island police, but they had a difficult job on their hands, for it was almost impossible to get at the savages in their strongholds.

HARRY PAYNE WHITNEY, one of the best known and best liked of America's wealthy sportsmen, died at his home in New York after an illness of several weeks, at the age of 64 years. Mr. Whitney inherited a large fortune from his father, who amalgamated surface railways, and by assiduous work increased this to a vast fortune—possibly \$200,000,000. He also devoted much time and money to yachting, racing and polo playing. His stable was one of the finest in the country and his horses won many important races.

Others who passed away were Mrs. J. B. McKee, daughter of the late President Benjamin Harrison; Dean W. H. Hutton, of Winchester, England, a noted scholar; Rear Admiral C. W. Dyson, U. S. N., famous designer of marine engines, and Edward H. (Snapper) Garrison, once the premier jockey of America.

THIRTY men were killed by an explosion in a coal mine at McAlester, Okla., most of them being entombed beyond hope of recovery. In Germany a similar disaster near Friedelsloh was fatal to 107 miners.

MRS. KEITH MILLER of Australia, an aviatrix of much experience, set a new mark for women flyers to aim at when she flew from Los Angeles to Valley Stream, N. Y., in 21 hours and 47 minutes. One of this lady's previous flights was from England to Australia.

### Grave Warning Concerning Unemployment Is Issued by the A. F. of L.

By EDWARD W. PICKARD

UNLESS America's financial and industrial leaders live up to their responsibility to devise a solution for the problem of recurrent periods of unemployment, the present social order cannot be maintained.

Such is the dictum of the American Federation of Labor as expressed by President William Green at the convention in Boston. Labor's combined program for an ultimate solution of unemployment and for immediate relief was adopted after a debate in the course of which the federal government and the federal reserve board were severely criticized. This program, suggested by the executive council, provides for the following:

- Reduction in hours of work, stabilization of industry, efficient management in production and sales policies, establishment of a national-wide system of unemployment exchanges, adequate records on employment, use of public works to meet existing unemployment, a study of all proposals for relief and education for life.

To meet the immediate problem of relief the delegates instructed the federal executive committee to request the government to appoint a national committee which shall recommend measures that may be put into effect at once. Such plans are to be carried out by private and quasi-public agencies, departments of the federal, state, and municipal governments, counties and school districts.

The executive council was also instructed to call upon all state federations of labor and all affiliated central bodies to request their respective governors and mayors to co-operate with the national committee by state and city committees.

The committee on resolutions reported that, in accord with labor's traditional policy, it was opposed to compulsory unemployment insurance, and at its suggestion all resolutions favoring this were referred to the executive council.

DURING the debates Secretary of the Navy Adams was charged with working counter to President Hoover's plan to appoint a national committee to study the unemployment problem. He worked at present wage levels, particularly at the Philadelphia navy yard and the Newport torpedo base. In Washington, however, Assistant Secretary of the Navy Jahnke denied any plan to reduce wages.

The federation's committee on shorter work day and week reported that the shorter work week was necessary but in view of the tremendous economic and social questions involved in its establishment proposed that the executive council give the matter of the shorter day its immediate consideration.

Statistical information related to the problem, and then report to next year's convention on how short, in its judgment, the work day should be. Labor is already pledged to the five-day week.

While this shortening of the work day may seem a radical change, it is not so when the economic conditions which have taken place in industry which has so enormously increased per capita production, the committee report stated.

Communists of Boston undertook to stage a demonstration just outside the convention hall where the federation was in session, and when the police tried to disperse them the worst riot in the city has had in many years resulted. Hundreds of men and women fought the police desperately.

Monthly figures issued by the Department of Labor show that employment in September was 1 per cent greater than in August, and that pay per hour was 1.3 per cent greater. But with winter coming on the situation is decidedly gloomy, and measures for temporary relief are being taken by many state and municipal governments.

IN GERMANY the unemployment situation is probably more immediately critical than elsewhere. The government is determined to enforce a policy of drastic economy and in line with this the official arbitrator recently ordered a cut of 6 per cent in the wages of the metal workers of Berlin. The union ordered a strike in protest, and last week 126,000 men were added to the 357,000 unemployed men and women in the capital city. These workers out of work marched about in large groups and tried to reach the parliament building, but were driven off by the police and firemen.

Sessions of the reichstag were exceedingly stormy. Dr. Paul Loebe, Socialists was re-elected speaker, despite the opposition of the Fascists and Communists. Franz Stoehr, Fascist, was chosen first vice president. The first Fascist threat to the government was beaten off when Ernst Scholz, Fascist candidate for speaker, lost to Loebe on the second ballot. The Fascist might have driven a wedge between the government and the Socialists if Loebe had been defeated, for the life of the cabinet depends largely on support from the Socialists, numerically the largest party in the reichstag.

BRAZIL'S civil war was marked by fierce and continuous fighting on many fronts. In their communications both sides claimed victories, but the preponderance of evidence was rather in favor of the revolutionists. The main efforts of the rebels were directed toward the capture of Sao Paulo, and their bulletin said they were getting near that important city. The insurgents also were battling their way toward Rio de Janeiro, winning a battle only 130 miles northeast of the capital city.

The federal forces, according to the official notice, have maintained their lines established in the state of Minas Geraes, in no case are retreating, and in a number of instances are making considerable gains, chief among these being the defeat of Minas Geraes insurgent troops at the Mantiqueira tunnel.

Secretary of State Stimson announced in Washington that the United States would permit the Brazilian government to purchase munitions of war in this country, and that arms shipments to the revolutionists would not be allowed. The cruiser Pensacola left Guantanamo for Brazil to protect American interests.

SPAIN seems to be on the verge of a revolution, the first open signs of which were anti-regalist demonstrations by students of Barcelona university. The institution was temporarily closed. This, however, is said to be merely a symptom of the outbreak that is to come. The military, the republican federals and the Catalan separatists are all said to have reached an agreement to work together for the overthrow of the monarchy, though the ultimate objectives of these groups are very divergent. Neutral observers in Spain, however, believe that the Berenguer government will succeed in suppressing the insurgents though the monarchy is seriously threatened.

RELIEF for the unemployed farmers and others in the drought-stricken regions is forthcoming to some extent through the action of the federal government. At the instance of the national drought relief committee, the government has made immediately available to drought states their 1932 allotments of \$125,000,000 appropriation for aid to highway construction.

J. L. B. Kincer, Agricultural department meteorologist, says the drought has been the most prolonged and widespread in the history of the nation's weather records. The average rainfall of the country between January and September was reduced to 87 per cent of the normal, and during the growing season from March to August it amounted to only 81 per cent.

MODIFICATION of the Volstead act legalizing the manufacture and sale of beer would create an added market for thousands of barrels of small grain annually, according to B. T. Dow of Davenport, Iowa, president of the Grain and Feed Dealers' National association. He made the statement at the association's annual meeting in Chicago, and then commented on a recent announcement of Fred Faust, head of a Milwaukee brewing company, that his company is expending nearly a million dollars on new equipment in anticipation of a possible modification of the law.

In the grain men's convention the federal agricultural marketing act was attacked by F. Dumont Smith as futile and unconstitutional. In urging farmers to reduce their production to domestic requirements, Smith said, Chairman Alexander Legge of the farm board made "a complete and abject confession that the whole scheme and purpose of the farm relief act had utterly failed."

DWIGHT W. MORROW, in his opening speech of his campaign for election to the senate from New Jersey, rebuffed himself from the picture as a candidate for the Republican presidential nomination in 1932—which is disappointing to a considerable number of vets. Said Mr. Morrow:

"I look forward with pleasure and confidence to the opportunity of voting two years from now for the re-nomination and re-election of Herbert Hoover."

The United States Supreme court in effect upheld the Jones five and ten law when it denied two petitions for review of a decision from Missouri in which the law was attacked as violating the principles of the Constitution. The court gave no reason for its action, in another case the Supreme court assured the right of federal agents to act as state enforcement officials where there is no state dry law.

MAL DAUGHERTY, brother of former United States Attorney General Harry M. Daugherty, was indicted by a grand jury at Washington, D. C., on fifteen counts containing 57 separate offenses against the laws of the state of Ohio. He was charged and held for \$40,000 bonds, which were arranged for by his brother, Harry, and his mother.

Daugherty was president of the defunct State Bank, into the affairs of which the state has been conducting an investigation since it was closed May 12.

JOSIAH H. MARVEL of Wilmington, Del., president of the American Bar association, died suddenly from a heart attack. Recently he was an unsuccessful candidate for the Democratic nomination for United States senator, losing to Thomas F. Bayard.

Other deaths of the week included those of Milton A. McFarlane, news paper league, Congressman C. F. Curry of California; Alexander Harrison, an eminent American painter who resided in Paris; Dr. Harry R. E. Hall, noted British archeologist; Rear Admiral Henry J. Ziegemeier, commander of the Thirteenth naval district at Breton, Washington, and Sir Herman Gollancz, internationally known scholar and leader of British Jewry.

Old Expression Traced

The expression "robbing Peter to pay Paul" had its origin in the rivalry between St. Peter's cathedral, now Westminster abbey, and St. Paul's cathedral in London. In 1560 an appropriation was made from St. Peter's to make up for a deficit in the account at St. Paul's. The action met with opposition, the question being asked, "Why rob St. Peter to pay St. Paul?"

Subscribe for the Avalanche.

First Color Photography

Color photography dates back to 1861, when Clerk Maxwell first exhibited a colored photograph before the Royal Institution of England. Maxwell took three pictures of the same object, one through a filter of green liquid, one through a red, and a third through a blue filter. He projected all three, superimposed upon a screen, and the result was a picture colored approximately like the original.

Read your home paper. Subscribe for the Avalanche.

STATE OF MICHIGAN

The Circuit Court for the County of Crawford, In Chancery.

Nellie I. Kerry and Marius Hansen, Plaintiff, vs. Harry Pond, George Hume, Executor of the estate of Thomas Byrne, and Olaf Michelson, Defendants.

Suit pending in the Circuit Court for the County of Crawford, In Chancery.

It appearing by the affidavit of Merle F. Nellist, attorney for plaintiffs, that the whereabouts of the defendants, Harry Pond and George Hume, Executor of the Estate of Thomas Byrne, are unknown and it cannot be ascertained in what state or country said defendants reside, as is shown by the affidavit of the said Merle F. Nellist filed in this cause.

On motion of Merle F. Nellist, attorney for plaintiffs, it is hereby ordered that the defendants, Harry Pond, and George Hume, executor of the estate of Thomas Byrne, cause their appearance to be entered in this cause within three months from the date of this order or default will be taken, and that this order be published as is required by law.

Dated, October 10, 1930.

GUY E. SMITH, Circuit Judge.

10-30-6

STATE OF MICHIGAN

The Circuit Court for the County of Crawford, In Chancery.

Selling Hanson Company, Plaintiff, vs. John I. Rupp, Robert B. McKnight and Moon Ken, Defendants.

Suit pending in the Circuit Court for the County of Crawford, In Chancery.

It appearing by the affidavit of Merle F. Nellist, attorney for plaintiff, that the whereabouts of the defendants John I. Rupp, Robert B. McKnight and Moon Ken, or any of them or of their heirs, executors or administrators of any of them is known to deponent, nor in what state or country any of the defendants resides, as is shown by the affidavit of Merle F. Nellist, attorney for the plaintiff, and filed in this cause.

On motion of Merle F. Nellist, attorney for plaintiff, Selling Hanson Company, it is hereby ordered that the defendants John I. Rupp, Robert B. McKnight and Moon Ken, cause their appearance to be entered in this cause within three months from the date of this order, or default will be taken, and that this order be published as is required by law.

Dated, October 10, 1930.

GUY E. SMITH, Circuit Judge.

10-30-6

STATE OF MICHIGAN

The Circuit Court for the County of Crawford, In Chancery.

Selling Hanson Company, Plaintiff, vs. Charles Lathrop Pack, Defendant.

Suit pending in the Circuit Court for the County of Crawford, In Chancery.

It appearing by the affidavit of Merle F. Nellist, attorney for plaintiff, that the whereabouts of the defendant, Charles Lathrop Pack, or his heirs, administrators or executors, are unknown and it cannot be ascertained in what state or country the said defendant resides, as is shown by the affidavit of the said Merle F. Nellist, attorney for the plaintiff, and filed in this cause.

On motion of Merle F. Nellist, attorney for the plaintiff, Selling Hanson Company, it is hereby ordered that the defendant, Charles Lathrop Pack or his heirs, executors, or administrators, cause his appearance to be entered in this cause within three months from the date of this order, or default will be taken, and that this order be published as is required by law.

Dated, October 10, 1930.

GUY E. SMITH, Circuit Judge.

10-30-6

STATE OF MICHIGAN

The Circuit Court for the County of Crawford, In Chancery.

Selling Hanson Company, Plaintiff, vs. Grayling, Twin Lakes and Northeastern Railroad Company, Defendant.

Suit pending in the Circuit Court for the County of Crawford, In Chancery.

It appearing by the affidavit of Merle F. Nellist, attorney for plaintiff, that the defendant, Grayling, Twin Lakes and Northeastern Railroad Company, cannot be found, and that deponent is informed that said Grayling, Twin Lakes and Northeastern Railroad Company is no longer in existence.

On motion of Merle F. Nellist, attorney for plaintiff, it is hereby ordered that the defendant, Grayling, Twin Lakes and Northeastern Railroad Company, cause its appearance to be entered in this cause within three months from the date of this order, or default will be taken, and that this order be published as is required by law.

Dated, October 10, 1930.

GUY E. SMITH, Circuit Judge.

10-30-6

STATE OF MICHIGAN

The Circuit Court for the County of Crawford, In Chancery.

Iva Whittaker, Plaintiff, vs. William Whittaker, Defendant.

Suit pending in the Circuit Court for the County of Crawford, In Chancery.

It appearing by the affidavit of Merle F. Nellist, attorney for plaintiff, that the whereabouts of William Whittaker, the defendant herein, is unknown to deponent, nor does he know in what state or country defendant resides, as appears by said affidavit on file in this cause.

On motion of Merle F. Nellist, attorney for plaintiff, it is hereby ordered that the defendant, William Whittaker, cause his appearance to be entered in this cause within three months from the date of this order, or default will be taken, and that this order be published as is required by law.

Dated, October 10, 1930.

GUY E. SMITH, Circuit Judge.

10-30-6

The unused pit of a permanent hot-bed may be utilized as a winter storage place for celery by removing the surplus earth and substituting a covering of boards for the sash. Store the celery the same way as in a trench and cover the bed with any material that will keep out frost.

STATE OF MICHIGAN

The Probate Court for the County of Crawford.

At a session of said court, held at the Probate Office in the Village of Grayling in said County, on the 14th day of October A. D. 1930.

Present: Hon. George Sorenson, Judge of Probate.

In the matter of the estate of Otto Michneke, deceased.

James W. Sorenson, having filed in said court his petition praying that the administration and settlement of said estate be granted to Christ Johnson, of the Village of Grayling, said County, or to some other suitable person.

It is ordered, That the 10th day of November A. D. 1930, at ten o'clock in the forenoon, at said probate office, be and is hereby appointed for hearing said petition.

It is further ordered, That public notice thereof be given by publication of a copy of this order, once each week for three successive weeks, previous to said day of hearing, in the Crawford Avalanche, a newspaper printed and circulated in said county.

GEORGE SORENSON, Judge of Probate.

10-16-4

A true copy.

George Sorenson, Judge of Probate.

TO THE OWNER OR OWNERS OF ANY AND ALL INTERESTS IN OR LIENS UPON THE LANDS HEREIN DESCRIBED.

Take notice that sale has been lawfully made of the following described land for unpaid taxes thereon, and that the undersigned has title thereto under tax deed or deeds issued therefor, and that you are entitled to a recovery thereof at any time within six months after return of service of this notice upon payment to the undersigned or to the Register in Chancery of the County in which the lands lie, of all sums paid upon such purchase, together with one hundred per centum additional thereon, and the fees of the Sheriff for the service or cost of publication of this notice, to be computed as upon personal service of a declaration as commencement of suit, and the further sum of five dollars for each description, without other additional cost or charges. If payment as aforesaid is not made, the undersigned will institute proceedings for possession of the land.

Description of Land

STATE OF MICHIGAN, County of Crawford.

The south half of the southeast quarter of the southwest quarter of Sec. 3, Town 28N, Range 2W. Amount paid \$4.84 tax for year 1926.

Amount necessary to redeem, \$---- plus the fees of the Sheriff.

George Wesley Philhour, place of business 311 N. Seventh St., Fairbury, Illinois.

To J. A. Walsh, last grantee in the regular chain title of such lands or of any interest therein as appearing by the records in the office of the Register of Deeds of said County.

STATE OF MICHIGAN

COUNTY OF CRAWFORD

I do hereby certify and return that on the 30th day of July, 1930, I sent a notice of which the within is a true copy to Sheriff Schram, at Pontiac, Michigan, for service on J. A. Walsh and Post Office receipts attached hereto are part of this return.

My fees, \$1.10.

J. E. Bobenmoyer, Sheriff of Crawford County.

STATE OF MICHIGAN

COUNTY OF OAKLAND

I do hereby certify and return, that the within notice was delivered to me for service on the 1st day of August, 1930, and that on the 14th day of August A. D. 1930, I served a notice of which the within is a true copy upon J. A. Walsh, in said County of Oakland.

My fees, \$1.55.

Frank Schram, Sheriff of the County of Oakland.

By Ward A. Conell, George Sorenson, Twp. Sheriff. Judge of Probate.

10-16-4

A true copy.

George Sorenson, Judge of Probate.

10-16-4



## Will Fire Rob You Of Your Home?

Because you want your savings secure you put them in a sound bank. For the same reason your equity in your home and business should be protected against loss by fire.

Make your property safe by building, repairing or improving it with fire resistive materials; remove all rubbish, avoid careless habits—AND INSURE ADEQUATELY!

Palmer Fire Insurance Agency

O. P. SCHUMANN, AGENT

Phone 111



## Sweeping Price Reductions

Wrench Sets.....	29c
Wood Saws.....	\$1.19
Ratchet Bit Braces.....	1.00
Glass Beverage Jugs.....	25c
Steel Roasters, large size.....	1.00
Stove Pipe.....	15c
Elbows.....	15c
Handled Axe.....	1.25
Two Foot Rules.....	10c
Hand Axes.....	98c
Food Choppers.....	1.19
Pull Chain Sockets.....	18c
Bird Cages with standers.....	2.98
Floor Mats for your stoves.....	9c
Wax Paper, 50 sheets to pkg.....	9c
A. B. C. Washing Machines.....	\$99.50, \$135, \$165

## Hanson Hardware Co.

Phone 21, Grayling, Michigan

## Local Happenings

THURSDAY, NOVEMBER 6, 1930

Hunting shoes, leather or rubber, at reasonable prices at Olson's.—Adv.

Mrs. Herbert Gothro left Saturday to spend several days visiting in Bay City and Flint.

FREE. With each pair of boys' Hi-top shoes you get one pair of heavy wool socks free at Olson's.—Adv.

Ralph Hanna of Traverse City was in Grayling over the week end, calling on old friends and acquaintances.

There will be regular communication of Grayling Lodge F. & A. M. No. 358 tonight, November 6, at the I. O. O. F. temple.

Mr. and Mrs. William E. Hathaway, of Lansing visited over the week end at the home of the latter's mother, Mrs. Anna Hermann. They had accompanied home Helen Elaine—MacLeod, she having spent the week in Lansing visiting her mother.

Mrs. Esbern Hanson left today for Detroit. From there she will go to Chicago to meet her son Esbern Jr. and together they will attend the football game between Calver and St. John's Military schools. The game is to be played at Soldier's Field, Chicago.

Dr. and Mrs. Keyport entertained a few friends at a duck dinner last week Thursday evening.

Enna Jettick shoes keep your feet from swelling; see the different styles at Olson's.—Adv.

Mr. and Mrs. C. F. Benham of Traverse City were guests of Mr. and Mrs. Wilhelm Rase the first of the week.

Mac & Gidley's One Cent sale is now on. Take advantage of this great bargain opportunity and save real money.

The Woman's Home Missionary society will meet at the home of Mrs. T. P. Peterson on Wednesday, November 12th.

Mrs. Arthur Waite and brother from South Tupper in Grayling one day last week visiting relatives and friends enroute from Charlevoix to their home in Midland.

Everyone is invited to attend the lecture at Michelson Memorial church tomorrow evening (Friday) at 7:30 o'clock to be given by Dr. Perkins of China. There will be no admission charge.

Henry A. Bauman returned the first of the week from Detroit, where he has been for a couple of weeks, visiting to Mrs. Bauman being in there the home of her daughter, Mrs. Helen Routier. Mrs. Bauman is recovering nicely at present.

Sam Rasmussen is spending several days in Detroit visiting his family.

Arthur Wendt was in Bay City on business the first of the week.

Get Arties, Zippers, Felts and rubbers at Olson's.—Adv.

Mr. Wilhelm Rase and Mr. Oscar Hanson went to Saginaw on business Tuesday evening.

FREE. With each pair of boys' Hi-top shoes you get one pair of heavy wool socks free at Olson's.—Adv.

Mrs. George Sorenson submitted to an operation at Mercy Hospital Monday morning. She is reported to be getting along nicely.

Mac & Gidley's one-cent sale begins today and closes Saturday night. Big savings in quality merchandise may be had by attending this sale.

Misses Ella and Margrethe Hanson are leaving Ann Arbor today for Boston to attend the Michigan-Harvard football game.

Mr. and Mrs. A. J. Scott and daughter Virginia visited in Gladwin Sunday at the home of Mrs. Scott's parents.

Miss Agnes Hanson and Howard McKenzie of Detroit were guests of the former's parents, Mr. and Mrs. Walter Hanson for the week end.

Floyd McClain and family have moved from Cedar Street to a house on the South Side, located near the Alex LaGrew home, which they have purchased.

There will be a "Hard Times" dance at the Beaver Creek Town hall Saturday night, November 8th. Everyone must come in old clothes of be fined. All welcome. Good music.

The Woman's Auxiliary of the American Legion will hold installation of officers at the Legion hall next Tuesday evening, Nov. 11. All members urged to be present.

Crawford County Grange is growing in membership very substantially. Last Saturday seven new members were initiated in the third and fourth degrees.

There will be a regular meeting of Grayling chapter O. E. S. No. 83 at the I. O. O. F. temple, Wednesday evening, Nov. 12. There will also be initiation.

Feather parties seem to be in order and the Board of Trade started the season with a party last night and will continue every Wednesday and Saturday nights until Thanksgiving.

Seely Wakeley returned home Sunday from Ann Arbor where he had been at University Hospital for the past month, for observation and thorough examination. He returned feeling some improved.

There will be a bake sale at the Grayling Hardware next Saturday, given by the members of the Grange. There will be another of those delicious cream cakes that someone will be taking home. Be sure to attend the sale.

Mrs. Katherine Loskoski enjoyed a visit from her daughters, Mrs. Edward Morrissey of Grand Rapids and Mrs. Clarence Ekens of Bay City for the week end. The ladies came Thursday to be with their mother on her birthday.

Roy Sindlinger with the State Military department returned to his home in Lansing after having been the guest of Henry P. Baumgardner at the Military reservation for a couple of weeks. The two gentlemen enjoyed several hunting trips while Mr. Sindlinger was here.

In honor of Halloween, Virginia Scott entertained twelve little girls at her home Thursday afternoon. Guests included Jacques Miller, Mary Jane Joseph, Patricia Montour, June and Phyllis Morris, Patricia McKenna, Gloria McNeven, Donna Miliken, Jeanne Brady, Janice Entsminger and Ruth Burrows.

The Board of Supervisors appropriated the sum of \$200 to the Loan Fund of the health department at their meeting last week. This sum will be matched by a like amount from the Citizens Child Welfare fund and is for use in cases of children in which there is no financial means in cases requiring medical, surgical or dental attention. The money may be loaned with the understanding that it be repaid, without interest.

At the recent visit of Grayling Lodge F. & A. M. No. 358, the latter presented Grayling lodge with a very attractive set of Masonic working tools, enclosed in a beautiful walnut case. On the cover was a plate nicely engraved saying that it was presented to Grayling lodge by Ancient Landmarks Lodge, and the date. It was a very fine thing to receive such a beautiful and timely gift. Grayling lodge lost practically everything in their recent fire, and this gift fills a very much needed article.

Some of the residents on Michigan avenue were not satisfied with the new "Emulsified Asphalt pavement" and some objections were raised. Last week Mr. Pennycook of Cadillac, the contractor, and James Perkins, superintendent of the local State asphalt plant, met with a special session of the council, where they listened to some of the complaints. Mr. Pennycook agreed that the "paving" wasn't what it should be, claiming that at the time it was laid that the weather was so cold that the material did not function as it was intended and that it permitted some of the larger stones to come to the surface. He said he would agree in writing to make it good next spring. Pictures showing that kind of paving didn't look much like Michigan avenue's. The property owners along this highway and the taxpayers generally have a right to demand that the goods must be as advertised and sold.

Hunting footwear must be in your footwear; get yours at Olson's.—Adv.

Mrs. George Miller, accompanied by her son George drove to Ann Arbor Wednesday on business.

FREE. With each pair of boys' Hi-top shoes you get one pair of heavy wool socks free at Olson's.—Adv.

The Mercy Hospital A.H. society will meet at the home of Mrs. Oscar Hanson, Thursday, Nov. 13. Mrs. Hanson will be assisted by Mrs. M. A. Bates.

Keep your feet warm and your hands warm all over; everything you need at Olson's.—Adv.

Mr. and Mrs. Edward W. Creque Jr. and family of Flint visited Saturday and Sunday at the home of Mrs. Creque's parents, Mr. and Mrs. Rasmusson.

The Thrift Shop, handling second-hand clothing for men, women and children, will open for business Friday morning, Nov. 7, in the building formerly occupied by the S. B. Variety Store.

Miss Dorothy Hoelsi, who is attending Central State Teachers college at Mt. Pleasant spent the week end at the home of her parents, Mr. and Mrs. Chris Hoelsi. She was accompanied by Miss Cleo Traynor of John who was her guest.

Mrs. Robert M. Roblin of Cassville, in renewing her subscription to the Avalanche, says: "We look forward to the paper coming each week, bringing us the news of Dear Old Grayling. And we would add that there are a large number of former Graylingites that we miss a lot, among whom are Mr. and Mrs. Roblin."

Rev. and Mrs. J. W. Greenwald will be hosts to the members of the official board of Michelson Memorial church at dinner tomorrow evening. Other guests will include the Officers of Saginaw district, superintendent of the Methodist Conference and Dr. Perkins of China. Dr. Glass will be here to hold the first quarterly conference of the church and Dr. Perkins is to speak on China at the church auditorium in the evening.

Postmaster M. A. Bates drove to Pontiac Friday and returned Monday accompanied by Mrs. Bates, who has been spending several weeks in Lansing and Pontiac. Mrs. Bates was the guest of her son Louis at the latter's home in Lansing and of Mr. and Mrs. C. T. Jerome in Pontiac. While she was at the latter place, her daughter, Mrs. Benjamin Jerome of Syracuse, New York visited her there.

Mrs. C. G. Clippert was hostess to twenty ladies at a luncheon which was prepared and demonstrated by a salesman for the Club Alumnae. After the luncheon the ladies engaged in afternoon sewing for the Club Alumnae which is to be a feature of the harvest supper which is to be given by the Ladies Aid at Michelson Memorial church Nov. 19th. Mrs. Clippert is chairman of the booth and Mrs. P. R. Welsh is General Chairman of the supper.

The Halloween dancing party at the Temple theatre last Friday evening was a very pleasant affair, the hall having been nicely decorated for the occasion. The music was furnished by local musicians and the dancers enjoyed it very much. Miss Marie and Howard Schmidt entertained during the evening by singing many of the new hits which added greatly to the pleasure of the party. The affair was such a success that the management will give another party next Friday evening, Nov. 7.

Several friends of Mr. and Mrs. Oscar Schumann have received announcements of the marriage of their daughter, Helen Madara to Mr. Oscar E. Wilkinson at Grace Episcopal church, Detroit, last Saturday evening at 7:30 o'clock. Miss Helen is a graduate of Grayling high school and attended M. S. C. and for the past year or more has been in the office of Dr. W. L. French in the Eaton Tower building, Detroit, as dental hygienist and bookkeeper. Mr. Wilkinson is a son of Mrs. Emma Wilkinson, Detroit. He is a graduate of William and Mary college, Williamsburg, Va. who was a classmate of Hanson Wendt. At present he is employed with the Stout Air Service, Inc., which line of profession he says he has concluded to follow. They are receiving congratulations of many of their friends this week. They will make their home in Detroit at 12-9 W. Boston Blvd., Apt. 106.

## RAILWAYMEN'S UNION HOLDS MEETING

L. E. Keller, stationer of the Railway Maintenance of Way Employees Union and F. Finson, associate editor of the Journal issued by that organization were in Grayling over the week end, guests at the home of Henry Jordan. Saturday night a special meeting of the local organization was held time the annual election of officers took place. Mr. Jordan was re-elected president and following are the remaining officers and who were elected to fill them:

Vice, Pres.—D. Burrows, Roscommon.

Past Pres.—David White.

Financial Sec'y.—T. J. Callahan.

Chaplain—Earl Penn.

Warden—John Brady.

Conductor—A. Hahlman, Roscommon.

In sentinel—A. Hielski.

Out sentinel—Herbert Dodge, Fred.

Journal Agent—F. B. Callahan.

Auditing Committee—A. Caldwell, Lov.

Henry Jordan, Elroy, Waite, Grievance Committee—Henry Jordan, John Brady and Earl Penn.

The gentlemen enjoyed hunting rabbits in company with Mr. Jordan, John Brady and others, who are enthusiastic sportsmen and had such a pleasant time that they said upon returning to their home that they would be back again soon.

## The Lowest Prices in a Good Many Years

That's what we are offering our Quality Merchandise at

A Choice Selection of

### Ladies' Coats

for dress or street wear, plain or with fur trimmings:

**\$19.50 to \$59.50**

### Misses' Sport Coats

Chinchillas or Camels Wool

**\$10.50 to \$21.50**

Some New Dresses—Silk Crepes in black and colors

**\$5.75 and \$12.50**

### New Winter Hats

Ladies' Felt and Velvet Hats

**\$3.95 and \$4.95**

The Best Values in

### Men's Overcoats

you have seen in a long time.

**\$15.00 to \$29.50**

Boys' and Girls'

### Winter Underwear

Fleeced or Wool

**65c and up**

### Hunting and Sport Togs

OF ALL KINDS SKI or HUNTING COATS that are Water-proof and all Wool.

**Hunting Caps, Pacs, Wool Sox, Flannel Shirts.**

## Grayling Mercantile Co.

Phone 125—THE QUALITY STORE—Grayling

## SCHOOL NOTES

We are glad to be back to work again after a two day vacation. "Sleepy Town" is leading in the attendance contest. They expect to get a large star tomorrow.

We had a Halloween party last Friday. We had many surprises. Just before going home we closed our eyes and when we opened them we found little cut-outs filled with candy and peanuts on our desks.

Every day that we get one hundred in spelling we get a bright colored card on our papers.

Some of us wrote letters to Miss Shambaugh in our Language class. We were happily surprised to get answers to our letters last week.

The Second grade had a Halloween party last Friday afternoon. We had many games, played games, told stories, and had refreshments. Some of us brought out jack-o-lanterns. We had a good time.

Third Grade  
On Halloween we had a party. We all wore masks. Some wore costumes. Arnold Rabbitt's mother surprised us and brought ice cream and cookies. Jacques Miller told us a story.

Virginia Peterson.



L. E. KELLER  
Stationer



FRANK D. FITZGERALD  
Secretary of State.

**Now**  
is the time to select a

## GRUEN GUILD WATCH

The gift that is sure to please is one that is carefully selected and carefully selected. So if you're planning a holiday gift for someone with the ultimate gift of a Gruen Guild Watch—we suggest you make your selection now!

All the newest models in a wide range of moderate prices are now on display. And each one is filled with a dependable movement of characteristic Gruen accuracy. Come in—we'll gladly hold any Gruen Watch you select. Prices \$42.50 up.

Carl W. Peterson  
JEWELER

## Christmas Photos!

I am here for Four Weeks.

HERE IS YOUR CHANCE TO GET GOOD

Portraits for Christmas Presents.

Will make pictures to suit your purse, and will give the highest quality of any Art Studio in the State.

Make arrangements now for sittings.

Avalanche Bldg. 2nd floor.

CHAS. E. HAGLE,  
Photographer.

## Warm Feet!

WE HAVE ALL KINDS OF  
**FOOTWEAR**  
TO KEEP YOUR FEET WARM WHILE  
WORKING, HUNTING OR  
PLAYING

**At New Low Prices.**

**HITOPS ARTIES**  
**FELT SHOES ZIPPERS**  
**HI-RUBBER SHOES RUBBERS**  
**HEAVY WOOL SOX**  
**ALASKAS SHEEPSKINS**

## FREE

One pair of heavy Wool Sox FREE with each pair of Boys' Hitops.

We also have 4-buckle Arties for Children as well as Zippers

Finest Assortment of Men's Heavy Sox in the city.

## OLSON'S SHOE STORE



FAST TEAM PRE-  
DICTED FOR G. H. S.

Another Grayling High School basketball team is in the process of development, and early indications point to an aggregation that will be a worthy successor to other fine teams which the green and white has presented to the opposition. A squad of well over thirty aspirants for court honors works out daily under the careful observations of Coach Cushman, learning the fundamentals of the game.

As yet it is far too early to even suggest what the lineup that will go into action may be. There is a battle royal for positions going on, a competition that gives promise of lasting throughout the season. It is possible at this time to predict but one certainty. There will be a second team that will give the first string plenty of battle in practice, and its members will constantly be pressing the regulars for positions in the lineup. At the present the squad is roughly divided into two groups. There is a ready exchange of personnel between the two now, but as time goes on the one squad will represent the players who will bear the brunt of the burdens in competition. Now both groups are working on the fundamentals of basketball, without thorough knowledge of which no team can hope to go far. Time is spent on shooting, passing, pivoting, and generally learning control of self and situations. The opening game of the schedule is still about a month away.

One way and another Grayling lost a number of players who made last year's team such a success. Cushman, Emery, May and Kivune graduated, all letter men. LaGrow and Harrison are not in school. Though there is a chance that the former will be back for second semester competition. Of the letter men Coach Cushman has only Sheffman, Sheehy and Billy Harrison left. However a number of last year's second team should be ready for an active fight for positions. Jack LaGrow, SanCarter, Gothro, Loskes, Pankow, Dawson, and Corwin, all got a taste of battle and should be in the thick of the scrap for positions. Last year the second team played some tough games and these men got real experience. Besides the players mentioned here there are some new ones who may be heard from and they complicate things considerably.

There is confidence on the squad that this year's team will be hard to beat and a team that won't be beaten is pretty hard to subdue. There is no reason for over-confidence however for a difficult season has been arranged. Coach Cushman promises little for the future except a fighting team. That's going to be plenty.

CHEVROLET TO INTRODUCE  
NEW CAR

Cleveland, O., Nov. 3—Definite assurance that Chevrolet will introduce a new car for 1931 on Saturday was revealed here today during the staging by Chevrolet factory officials of the first of fifty dealer meetings to be held in the next five weeks throughout the country.

Included in a carload of equipment brought in for the meeting was a new car substantially bigger than the current model, and extensively changed in appearance.

Although the meeting was closed

ARMISTICE DAY  
PROCLAMATION

As the years take us farther away from the World War and the immediate causes and incidents of that great conflict, we begin to see more clearly the spiritual values that came not out of the war, but out of the soul of the American people.

When we were faced with a common enemy our factional differences vanished, our personal ambitions were submerged, America stood revealed as a united and a consecrated nation. The spirit of the fathers, had not been forgotten. The hardihood of the pioneers was still with us.

Today a demand is made upon us not unlike the demand made by the conflict cannot be dramatized. There is no call for shouting and martial music. But there is a national task to be done. America itself is to be revitalized. The hungry must be fed, the wheels of industry, upon which depend the satisfaction of our material needs and the means for gratifying our spiritual desires, must now, but as time goes on, be set in motion.

It is an easier task than the one we undertook and accomplished in the war that ended twelve years ago. It requires less of patriotism and self-sacrifice. If each one of us will carefully consider what things he can do to increase the demand for the products of our farms and factories and to relieve the want of those who seek work and cannot find it we shall be, as though by magic, again on the highroad of prosperity and universal well-being.

Let the citizens of Michigan observe Tuesday, the eleventh day of November, as a holiday, a day for meditation upon the heroic devotion, to American welfare displayed by those who fought and died in the conflict that ended twelve years ago and for the consecrated thought and planning on behalf of the future welfare of our state and nation.

FRED W. GREENE,  
Governor.

to the public, it was learned that H. J. Klinger, vice-president and general sales manager of the Chevrolet Motor Co., who attended the meeting here, told the 500 dealers and associated bankers in attendance at the City Auditorium that the car would be publicly announced the coming Saturday, and that, despite its increased size and improved appearance, it would be priced considerably below current levels.

Dramatic incidents attended the presentation of the car. It was trucked under canvas from the freight shed to the stage of the Auditorium, and there, boxed in by velvet drops and under a flood of spotlights, disclosed to the audience.

A burst of applause greeted the unveiling of the car, and when the announcement of new lower prices was made, a wild cheering dealer group interrupted proceedings for several minutes.

The car is longer than the present Chevrolet and changes and refinements are so extensive that it has been termed "big car" appearance, one dealer reported.

If the sentiment among the dealers here is any criterion, the new car ought to prove the most successful product in the history of the company.

The Original  
**Rexall****ONE SALE****Thursday, Friday and Saturday  
November 6, 7 and 8th, 1930.**

## What is a Rexall One-Cent Sale?

It is a sale where you buy an item at the regular price, then another item of the same kind for one cent. As an illustration: The standard price of Kleenex Dental Cream is 50c. you buy one tube at this price and by paying 1 Cent more, or 51 cents, you get two tubes and save 49 cents. Every United Drug Co. article in this sale is a high quality, guaranteed product, just the same as is sold every day at the regular price. No limit—buy all you want, but on Thursday, Friday and Saturday only!

## Harmony Bay Rum

8 oz. bottle. Men like this excellent product for general toilet use. Refreshing after the shave. 8 oz. bottle ..... 50c  
2 for 51c

## Marsula Stationery

Flat sheets, 1 lb. in a box ..... 50c  
Marsula envelopes large size, 50 in a box ..... 50c

## Paper and Envelopes for 51c

## Avalon Stationery

Large Envelope  
Flat Sheets  
A new package. Never on 1c Sale before.  
\$1.00 Each  
2 for \$1.01

## Lord Baltimore Linen

Our leading package of stationery at a low price, 50c  
2 for 51c

## Exotic Stationery

A very attractive package of 24 sheets and 24 envelopes of beautifully finished stationery  
2 for 66c

We have at least 10 kinds of stationery on sale. Different styles and prices. All very attractive

GO OVER THIS LIST and figure what your saving will be on items you can use. The date for this Sale is Thursday, Friday and Saturday, November 6th, 7th and 8th.

All 1c Sale Purchases Must  
Be Cash. We can't afford to charge merchandise purchased at these prices.Here Are Just a Few  
of the Items:

MANY MORE NOT LISTED

20c Spirits of Camphor 1 oz. .... 2 for 21c  
25c Glycerine Suppositories ..... 2 for 26c  
25c Zinc Stearate ..... 2 for 26c  
25c Twin Lax Tablets ..... 2 for 26c  
25c Mercurochrome ..... 2 for 26c  
15c Envelopes ..... 2 for 16c  
10c Envelopes ..... 2 for 11c  
10c Writing Tablets ..... 2 for 11c  
25c Liver Pills ..... 2 for 26c  
25c Corn Solvent ..... 2 for 26c  
25c Epsom Salts, 1 lb. .... 2 for 26c  
15c Epsom Salts, 1/2 lb. .... 2 for 16c  
25c Tiver Tot Talk ..... 2 for 26c  
50c Eff. Sodium Phosphate ..... 2 for 51c  
35c Chocolate Bars ..... 2 for 36c  
50c Tooth Brushes ..... 2 for 51c  
20c Wash Cloths ..... 2 for 21c  
15c Wash Cloths ..... 2 for 16c  
60c Hard Candy, 1 lb. pkg. .... 2 for 61c  
\$1.00 Mineral Oil, 1 pt. .... 2 for \$1.01  
25c Arom. Cascara ..... 2 for 26c  
10c Senna Leaves ..... 2 for 11c  
20c Zinc Oxide Ointment ..... 2 for 21c  
15c Toilet Soap ..... 2 for 16c  
25c Cold Cream ..... 2 for 26c  
25c Catarrh Jelly ..... 2 for 26c  
50c After Shaving Lotion ..... 2 for 51c  
25c Cold Special Tablets ..... 2 for 26c  
50c Brilliantine ..... 2 for 51c  
75c Theatrical Cold Cream, 1 lb. .... 2 for 76c  
15c Hair Nets ..... 2 for 16c  
\$1.00 Pure Olive Oil Imported ..... 2 for \$1.01  
25c Boilition Cubes ..... 2 for 26c  
25c Tincture Iodine ..... 2 for 26c  
25c Glycerine & Rose Water ..... 2 for 26c  
35c Bronchial Salve ..... 2 for 36c  
35c Shaving Cream ..... 2 for 36c  
\$1.00 Georgia Rose Body Powder ..... 2 for \$1.01  
\$1.50 Hot Water Bottles ..... 2 for \$1.51

Hydrogen Peroxide U.S.P. in Pint bottles 50c pint, 2 for 51c

**SAVE with SAFETY**  
at your Rexall Drug Store

A Profit-Sharing Method of  
Advertising

This sale has been developed by the United Drug Co. as an advertising plan. Rather than spend large sums of money in other ways to convince you of the merit of these goods, they are spending it on this sale in permitting us to sell you two full size packages of high quality merchandise for the price of one, plus one cent. It costs money to get new customers, but the sacrifice in profit is justified, because we know the goods will please you.



## Rexall "93" Hair Tonic

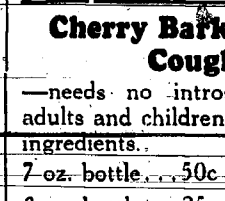
In 100 trials 93 customers were pleased with results—1 bottle ..... 50c  
2 for 51c

Klenzo  
Shaving  
Cream

Large tube. Softens the beard. 1 for ..... 33c  
2 for 36c

Rexal Theatrical  
Cold Cream

1 lb. tins of excellent cleansing cream for ..... 75c  
2 for 76c

Cherry Bark  
Cough Syrup

—needs no introduction. For adults and children. No harmful ingredients.  
7 oz. bottle ..... 50c 2 for 51c  
3 oz. bottle ..... 25c 2 for 26c

Puretest  
Rubbing Alcohol

Physicians recommend it. 1 pt. bottle ..... 75c  
2 for 76c

## Puretest Aspirin

25c—2 for 26c  
100 in a bottle—75c  
2 bottles for 76c



GENT'S AFTER SHAVING TALC 25c ..... 2 for 26c

LAXATIVE COLD CAPSULES with Cod Liver Ext. 50c ..... 2 for 51c  
HANFORD'S BALM OF MYRRH \$1.25 size ..... 2 for \$1.26  
PURETEST CASTOR OIL 8 oz. 1 for 50c ..... 2 for 51c

Be in the Big Money Class  
at the Second  
Red Arrow  
Auction

Take a little tip from one who knows what's coming. The Prizes are better than ever and the bidding fever is raging high. At the Second Red Arrow Auction the bids will mount up. Everyone has heard about the splendid prizes of the First Auction and they have taken a peek at the new ones. There's only one thing left to do, and that is get in the big money class.

## Here's the Way to Do It

There's always somebody who is caught off-guard. Somebody usually "falls asleep at the switch" and unthinkingly make some purchases at a store that does not give Red Arrow Money. That's where your big chance comes. You just keep plodding along, making all your purchases bring in Red Arrow Money, dollar for dollar, and there you are in the lead.

## Now is the Time to Bid

Red Arrow Money from any or all Red Arrow Places is good at any or all other Red Arrow Places. In other words the thing to do is to count up all the Red Arrow Money you have—on-hand, borrow, pick out the article you want to win and bid the total amount on it.

## You Can Raise it Later

When you get some more Red Arrow Money later all you have to do is put in a higher bid. That automatically cancels your previous bid. You can do that as often as you wish. The next Red Arrow Auction will be Friday, November 21.

## Red Arrow Places

**Sorenson Bros.**  
**O. Sorenson & Son**  
**Hanson Service Station**  
**Grayling Hardware**  
**H. Peterson, Grocer**  
**Cooley's Gift Shop**  
**The Economy Store**

When You Spend a Dollar here—  
You get a RED ARROW dollar back

**Mac & Gidley, The Rexall Store**

Phone 18

Grayling, Mich.

## LOVELL'S NEWS

Bill Hunt of West Branch is visiting his aunt, Mrs. Clarence Stillwagon. The tree inspectors came from Lansing to inspect Christmas trees last week.

Joseph Duby's niece and husband of Flint spent the week end at his home. Clarence Stillwagon spent Sunday in West Branch.

Myron Gregg of Cadillac is visiting at the home of his son, Glen Gregg.

Roy Shoemaker of Lapeer spent a week in Lovell. Mr. Shoemaker lived in Lovell when he was a child.

Mr. and Mrs. Shabondie of Lewis-

ton visited their daughter, Mrs. Bill Hunt, last Tuesday.

John Hericks children are spending a week with him.

Mrs. Edgar Caldwell is entertaining the Larkin club this week.

Mr. and Mrs. Joseph Duby entertained their friends last Thursday night at cards.

Children Like this

Safe Prescription

Coughs and Sore Throat Relieved Almost Instantly

Stop children's coughs and sore throats before these ailments lead

to dangerous illness. Use Thoxine, a doctor's famous prescription which brings relief within 15 minutes, yet contains no harmful drugs.

Thoxine works on a different principle. It has a quick, double action—it relieves the irritation and goes direct to the internal cause. Ideal for all children because it is pleasant tasting and easy to take—not a gargle. Ask for Thoxine, put up ready for use in 80c, 60c, and \$1.00 bottles. If you are not satisfied your money will be refunded. Sold by Mac & Gidley's drug store and all other good drug stores.

Read your home paper. Subscribe for the Avalanche.

Backache  
Leg Pains

If Getting Up Nights, Backache, frequent day calls, Leg Pains, Nervousness or Burning, due to functional Bladder Irritation, in acid conditions, makes you feel tired, depressed and discouraged, try the Quesz Test. Works fast, starts circulating thru the system in 15 minutes. Praised by thousands for rapid and positive action. Don't give up. Try Quesz (pronounced Kees) today, under the Iron-Clad Guarantee. Must quickly relieve these conditions, improve your sleep and cause no money back. Only 60c a bottle.

Sold by Mac & Gidley, druggists.

Well, anyhow the hard times in Cuba can't be blamed on to the Eighteenth amendment.

## Nearly Killed by Gas

Druggist Saves Her

"Gas on my stomach was so bad it nearly killed me. My druggist told me about Adlerika. The gas is gone now and I feel fine."—Mrs. A. Adam-ek.

Simple glycerine, buckthorn, salina, etc., as mixed in Adlerika, helps GAS on stomach in 10 minutes! Most remedies act on lower bowel only, but Adlerika acts on BOTH upper and lower bowel, removing poisonous waste you never knew was there. Relieves constipation in 2 hours. It will surprise you. Mac & Gidley, druggists.



# Crawford Avalanche

POTATO AND APPLE SHOW SUPPLEMENT

GRAYLING, MICHIGAN, THURSDAY, NOVEMBER 6, 1930

FOURTH ANNUAL EDITION

Editor and Proprietor

NUMBER 47

none.  
If you know the amount  
guarantee without any  
risk to yourselves.  
furnish write-ups and  
material.  
for clean athletics  
better winter sports.  
H. McNeven,  
Manager.

It is certain to give  
orable advertising. On  
the players' sweatshirts  
words: "Grayling, Mich.,  
or "winter sports." In  
the "Lumberjacks" and  
number.  
his group isn't organized  
de of Michigan only; we  
see some pretty fast  
here at home.

100 REWARD

ation that will lead to  
of a quantity of new  
er taken during Satur-  
ov. 8, from Section 8 in  
Lyon Township, Ros-  
inty. Address Box 7.



and Friday, Nov.  
13-14  
for McLaughlin  
In  
L WITH WOMEN

Nov. 15th (only)  
All Star cast  
In  
DON MY GUN

Monday, Nov. 16-17  
& Rognald Denny  
THREE FRENCH  
GIRLS

Wednesday, Nov.  
18-19  
In  
EGE LOVERS

soon—"THE BIG  
One of the biggest  
s year.

## Benzonia Winner of Choir Contest

ELEVEN CHURCH CHOIRS COM-  
PETE FOR R. E. OLDS SING-  
ING PRIZES FRIDAY

With eleven choirs, from all over  
twenty-three counties of upper Michi-  
gan competing for the premiums of-  
fered by the R. E. Olds Church and  
Community choir singing prizes, the  
two judges, Fred Killeen, assistant  
director of the State Institute of  
Music, and Professor Glenn McCrack-  
en of M. S. C., had a big job on their  
hands Friday morning in determin-  
ing who were the best singers in  
this section of the state. R. W. Ten-  
ney, director of short courses, M. S.  
C., represented the Fund and was  
chairman of the meeting.  
Twelve choirs had sent in appli-  
cations, but for some reason Ros-  
common did not put in an appear-  
ance. The eleven were chosen to  
sing in the order named: Mackinaw  
City, Brethren, Herron, Elk Rapids,  
East Jordan, Belleaire, Atwood, Van-  
dusen, Kaleva, Harrisville, and Ben-  
zon. Kaleva brought its singers  
125 miles to take part, and Brethren,  
over 130 miles, and both these choirs  
were here before ten o'clock last  
time.

It would be impossible to discuss  
each choir as they deserve. Suffice  
to say that it was the best choir  
ever held here, with more choirs  
competing by 50 per cent. Prof.  
Killeen stated that the singing was  
a credit to any locality, and that  
any of the choirs would give a good  
account of themselves in any  
company.

The interpretation of music, as  
(Continued on last page)

## Where and How to Place Fertilizer

CARE SHOULD BE USED IN  
PROPERLY APPLYING PLANT  
FOOD

"The seed piece of the potato and  
young potato sprouts are extremely  
sensitive to fertilizer injury, and not  
only must direct contact be avoided,  
but no fertilizer should be placed  
either directly above or directly be-  
low the seed, according to O. F. Jen-  
sen of the National Fertilizer Associ-  
ation, who addressed the Potato  
Show visitors the first day.

"In my opinion, he remarked, row  
application of fertilizers for potatoes  
is more efficient than broadcast up  
to any ordinary amount. Certainly  
for rates up to 500 to 600 pounds per  
acre, row application is to be recom-  
mended.

"The fertilizer attachment on the  
potato planter is on the whole a very  
satisfactory implement. Manufactur-  
ers of farm implements seem to have  
devoted more study to potato planter  
fertilizer attachments than to fertil-  
izer attachments for other crops. In  
the most approved types of potato  
planters and fertilizer attachments,  
the fertilizer is applied in two fur-  
rows ahead of the planter furrow  
opener, which splits the ridge be-  
tween the fertilizer furrows. Discs  
then cover both seed and fertilizer,  
with a partial mixing with the soil.  
The attachment can be regulated so  
(Continued on page 3)

## Economy and Equal- ization are Michigan's Present Tax Needs

"The time has come to speak out  
plainly on the subject of taxation,"  
This was the opening remark of R.  
Wayne Newton, Director of Taxation,  
Michigan State Farm Bureau, who  
addressed the Thursday afternoon  
visitors at the Potato and Apple  
Show. "If taxes are too high in  
Michigan, it is because the people  
have sanctioned a system which  
makes it too easy to increase the  
public expenditures and too hard to  
reduce them. Moreover, the State  
has alternately commanded and per-  
suaded the local districts to spend  
the taxpayer's money without show-  
ing any appreciable interest in see-  
ing to it that the money so spent  
is wisely used.

"Michigan needs genuine budget-  
ing laws, effective on every tax levy  
jurisdiction. She needs review laws  
that will give over-burdened taxpay-  
ers an opportunity to rebuke and  
veto any and all extravagances of  
local officers. And she needs an  
auditing system that will subject  
(Continued on last page)

## Emmet Co. Grower Irrigates Potatoes

EXPERIMENT PROVES PROFIT-  
ABLE TO J. D. ROBINSON  
AND OFFERS NEW IDEA

Reading about irrigating potatoes,  
and actually knowing of its worth,  
especially when applied to potatoes  
grown in Michigan, are two different  
things. By actual experience, J. D.  
Robinson, Emmet County certified  
seed potato grower, has found that  
this year, irrigated potatoes will  
yield 81 bushels more per acre than  
unirrigated ones. His irrigated po-  
tatoes yielded 343 bushels per acre,  
while his unirrigated ones produced  
only 262.

Last year, at the Top O' Michigan  
Potato and Apple Show, this grower  
and exhibitor there, was lauded  
highly for his achievement of win-  
ning four first places in the peck  
and bushel class of both Rural Rus-  
sets and Irish Cobbles. It was he,  
who, along in the third week of Aug-  
ust, after watching his fine stand  
of Rural Russets going down be-  
cause of drought, convinced himself  
that irrigation of potatoes in Michi-  
gan might prove profitable.

So with his dream of how to put  
the experiment into practice, togeth-  
er with a few helpful aids gathered  
through the Agricultural Engineer-  
ing Department of Michigan State  
College, he was able within a few  
days to perfect his plans, set up his  
equipment and start work. A field  
of four and a half acres, with rows  
running east and west, was to be ir-  
rigated. The contour of the field  
was such that it dipped to the east a  
bit, but more so to the south. Be-  
cause of this, the matter of dis-  
tributing the water by means of  
troughs was quite successful.

The water supply was a small  
stream better than a quarter of a  
mile from the field. Where the  
stream crossed a township road a  
2,000 gallon storage tank was erect-  
ed and was set high enough so that  
the water could be pumped into it by  
a gasoline engine and water from it  
(Continued on page 2)

## Six Hundred Three Ex- hibits Potatoes - Apples at Eighth Annual Show

FOUR HUNDRED FORTY-FIVE ENTRIES OF SPUDS; PRESQUE  
ISLE WON COUNTY EXHIBIT AND LIONS SHARE OF  
PREMIUMS; FRANK GUY NEW POTATO CHAMPION

No one would ever think the farm-  
er had problems of taxation, crop  
surpluses and Farm Relief if they had  
attended the Eighth Annual Potato  
and Apple Show of the Top O' Michi-  
gan Potato Association at Gaylord  
last week.

No one present would deny the  
existence of these problems, and  
they were discussed by specialists in  
their line, but the general feeling of  
both exhibitors and visitors was one  
of optimism; optimism, perhaps for  
the opportunities seen and discussed  
for the greater benefit of the farm-  
ers of the Top O' Michigan territory.

On the other hand the spirit shown  
may have been due directly to the  
fact that the Eighth Annual Potato  
and Apple Show just held was the  
greatest in the history of its organ-  
ization.

Nearly 2,500 farmers and business  
men of the Top O' Michigan attend-  
ed and took part in the three day's  
activities beginning with a certified  
seed growers' luncheon on Wednes-  
day and concluding with the Choir  
Singing Contest Friday morning.  
The high light of the three days  
was the annual banquet on Thursday  
evening, which was addressed by  
Percy Taylor, of the Federal Farm  
Loan Board, Washington D. C., and  
W. H. Tomlinson of Bay City.

A new record was set for the num-  
ber of potato entries with 445. This  
was over ten per cent greater than  
last year. The number of Apple en-  
tries fell off slightly so that the total  
entries for the show were 603, just a  
little less than last year. There  
were 124 entries in the peck exhibit  
of Rural Russets alone.

This new record in the face of  
very adverse growing conditions for  
potatoes speaks well for the farmers  
and exhibitors of this territory as  
well as the management of the show.

When the judging was completed,  
it was found that a new potato king  
would rule for another year. Frank  
Guy of Pellston was the sweepstakes  
winner in the open class. This show-  
ing by Mr. Guy was his first try at  
showing potatoes and the best he  
did was to win an award of merit.

Another remarkable thing about  
the selecting of this new Potato King  
is that during the eight years of the  
Show, no person has won first place  
more than once. This indicates that  
the Show is not dominated by "pro-  
fessionals" and that anyone has a  
chance every year.

Emery Rotter of Alanson, was the  
Junior Champion and Elias Leusing  
of Pellston was the winner in the  
Certified Seed classes.  
In the Apple classes, Homer War-  
ning of Kewadin and D. D. Tibbits of  
Bozette City divided honors. Mr. War-  
ning won sweepstakes in plates and  
Mr. Tibbits in trays. P. E. Gillespie  
had many exhibits and took home  
many prizes.

Drought Not Noticed  
There was a drought in this area  
last summer—a severe drought in  
certain sections, yet the quality of  
exhibits was not lowered in any de-  
(Continued on last page)

## Homemaking Is A Profession Which In- volves Many People

"Would we not all think of the job  
of housekeeping with a little more  
respect and dignity if we realized  
there is no occupation or profession  
which involves so many people as  
that of the homemaker's job?"

This question was asked by  
women visitors of the Eighth An-  
nual Potato and Apple Show by Miss  
Edna V. Smith, Acting State Leader  
of Home Demonstrations at  
the Michigan State College, who  
addressed the women's meeting on  
Thursday afternoon.

"There are about 24,000,000 home-  
makers in the United States," re-  
marked Miss Smith. "Each one of  
these homemakers must have train-  
ing in many different lines. Probab-  
ly there is no profession that is as  
complex as that of homemaking."

Continuing, Miss Smith stated that  
"the purpose of the home is being  
interpreted so differently than it was  
at one time. Once it was thought  
of more as a boarding house exist-  
ing simply to feed the family. Now  
(Continued on last page)

## Care In Choosing Fruit for Growing

H. D. HOOTMAN SOUNDS WARN-  
ING TO FRUIT GROWERS  
HERE

"When we think of formulating a  
fruit production program for north-  
ern Michigan it will be well to con-  
sider first those fruits that are al-  
ready being grown here, remarked  
H. D. Hootman, Secretary of the  
Michigan Horticultural Society, who  
addressed the fruit growers on Wed-  
nesday afternoon.

"In the commercial production of  
fruit our attention is naturally drawn  
to the Culbert red raspberry, the  
Montmorency sour cherry and a  
number of apple varieties, namely  
the Wealthy, Snow, McIntosh, Green-  
ing and Wagoner—all of which are  
being successfully grown in the ter-  
ritory served by the Top O' Michigan  
Potato Association.

The Red Cherry

"In Cheboygan County we find  
ideal soil and climatic conditions for  
growing the red raspberry," he stated.  
"Here we find not only some of the  
best red raspberry plantations in  
the state, but also, the largest grow-  
er, Edward Douglas, who has 80  
acres of red raspberries in bearing.  
Fortunately most of the red rasp-  
berries planted in this section have  
been the Culbert variety—the vari-  
ety most desired by the canners and  
the fruit trade.

The Cherry

Mr. Hootman also stated that in  
recent years a large number of sour  
cherry trees have been planted in  
Antrim, Charlevoix, Emmet and Che-  
boygan counties. "Plantings have also  
been heavy in other cherry produc-  
ing sections. Unlike apples—sour  
cherries are produced commercially  
in comparatively few states, namely:  
Wisconsin, Michigan and New York.

"There are three factors," he stat-  
ed, "that influence the economical  
production of sour cherries. A good  
site—a good soil—and good care. A  
good site that affords fair protec-  
(Continued on page 2)

## Careful Grading Is Necessary To Develop A Demand For Michi- gan Potatoes In Future Years

Quality Products: For years agri-  
cultural leaders have been preaching  
this gospel in an effort to stimulate  
greater use of certain products and  
to create for the producer a more  
favorable market.

Potatoes are a commodity where  
there is probably a wider range of  
grading and standardization than al-  
most any other farm product. The  
reason is that every farmer produces  
potatoes and the majority sell a few  
surplus bushels above actual home  
requirements.

In the heavy potato producing  
areas, the potatoes are more closely  
graded and sold under state regu-  
lations.

It has also come to the attention  
of potato shippers and dealers that  
where the potatoes are produced  
farther from market and use rail

## Premier Farmers from Presque Isle

REISNER BROS. & HOPP GROW  
375 BUSHELS PER ACRE  
ON PLOT

The prize for the Premier Potato  
Growers contest of 1930 was award-  
ed to three men of Presque Isle.  
When the contest in which 17 con-  
testants competed was over, Reisner  
Brothers and Hopp of Hawks were  
declared the winners.

To win this prize they were re-  
quired to compete in five different  
events—yield, 125 points; quality,  
125 points; ability to select show  
samples, 100 points; ability to grade,  
75 points; cost of production, 75  
points.

Reisner Bros. and Hopp were first  
in yield, first in low cost of produc-  
tion, first in quality, second in grad-  
ing and eighth in ability to select  
show samples.

The three farmers had a yield of  
375 bushels per acre as determined  
by J. J. Bird of the Michigan State  
College. These farmers are growers  
of certified seed and grew seven  
acres this year.

Of the seventeen contestants, there  
were six from Emmet County, four  
from Otsego County, three from  
Presque Isle County and two each  
from Cheboygan and Charlevoix  
Counties.

Other near winners in this contest  
were Percy Reed of Pellston, who  
won second and Pearl Bonter of Pel-  
lston third.

Reisner Brothers and Hopp receiv-  
ed a beautiful wrist watch as com-  
pliments of the Potato Show Associ-  
ation and will compete with winners  
(Continued on last page)

## What Lies Beyond Certification Work

COMMENTS BY POTATO JUDGE  
WORTH CONSIDERATION OF  
GROWERS HERE

By J. R. Livermore

(Mr. Livermore is Assistant Pro-  
fessor of Plant Breeding at Cornell  
University. He judged the potatoes  
at this year's show and addressed  
the visitors on several occasions.)

Before delving into the future it  
might be well to become firmly es-  
tablished in the present. Just what  
do we mean by certification? The  
word certified is becoming so widely  
used that it is losing a bit of its  
significance. To illustrate the diver-  
sity of use of this word, there are  
certified dairies, certified public ac-  
countants, certified bowling alleys,  
and no doubt there soon will be  
certified Tom Thumb golf courses.

It is strange that certification is  
often misunderstood and given credit  
for virtues or faults it never possess-  
ed? Even within one field, that of  
certified seed, there is too great a di-  
versity in the usage of the word  
certified. In New York we are try-  
ing to define the word certified so  
that it may be applied only to the  
seed produced by the members of  
the New York Seed Improvement  
Cooperative Association, such seed  
having satisfied the requirements of  
certain standards set up by the As-  
sociation. It is our hope that a law  
(Continued on page 2)

## Guy Eppler Talks Of His Trip To Prince Edward Island And Maine, During Summer

By Guy Eppler  
Having had the honor to be chosen  
winner of the Master Potato Grow-  
er's Contest at the 1929 Top O' Michi-  
gan Potato and Apple Show, it was  
with much pleasure that I made the  
trip to Prince Edward Island which  
this Association so generously pro-  
vided.

It was on Monday, August 18th,  
that I arrived at the New York Cen-  
tral Station, Youngstown, Ohio, and  
received the necessary tickets and  
credentials to accompany the mem-  
bers of the Pennsylvania Potato  
Growers' Association on their won-  
derful 3,000 trip by special train  
through some of the continent's most  
scenic and historic sections.

I boarded one of the Special  
Cars in the evening which came by  
the way to Youngstown, and during

the night our special train, consist-  
ing of seven Pullmans, two Dining  
one Club car, and one Observation  
car with one hundred and ninety  
people from several counties in Penn-  
sylvania, was assembled. The next  
morning found us well on our way  
traveling northward through Central  
New York. I was much impressed  
with the vast amount of waste land  
in Northern New York and also the  
very beautiful scenery of the Adiron-  
dacks. The first afternoon was spent  
in sight-seeing buses on a tour of  
the City of Montreal.

The second night was spent travel-  
ing through the Province of Quebec,  
and early Wednesday morning found  
us entering the Province of New  
Brunswick, traveling through the  
valley of the St. John's River where  
(Continued on page 3)



A View of the Show Room This Year

IRE

EAR



# ARMISTICE DAY

*When You Stop  
You get a*

Lansing Michigan

may be damaged by hollow he  
and not more than six per cent  
be below the remaining requireme  
of this grade; but not to exceed  
sixth of this amount, or one

**BOGGS** PO  
ON

ELMIRA, MICHIGAN

# BOGGS POTATO AND ONION GRADER



## Where and How to Place Fertilizer

(Continued from page 1)

that the fertilizer bands on either side of the seed will be at the same level as the seed, or above it, or below it. General practice seems to favor placing the fertilizer at about the same level as the seed, or above it, or below it. If you have an old type fertilizer attachment, that cannot apply fertilizer in the method



O. F. JENSEN

described above, it will pay you to junk it. The modern fertilizer attachment will safely and successfully apply concentrated fertilizers. In some experiments in Maine in 1928, as much as 1000 pounds per acre of a 10-16-14 and 667 pounds of a 15-24-12 were applied with a potato planter fertilizer attachment without difficulty, and with very good results. These fertilizers were compared with 2000 pounds per acre of a 5-8-7, which was applied with the attachment.

"Although the potato planter fertilizer attachment has several advantages to commend it, such as accurate placement of fertilizer, saving of an extra operation, and moderate cost, there are many growers in the east who prefer a separate implement for applying the fertilizer. This is usually a one or two row distributor which drills the fertilizer with some mixing with the soil. Then the potato planter follows the rows made by the fertilizer distributor. This kind of a distributor is used by large growers, who apply large quantities per acre. I have never seen this implement used in Michigan or Wisconsin.

"Neither of the implements I have described fit the grower with a small acreage, who perhaps does not have a potato planter, or feel that the scale of his operation warrants an investment in this equipment. Then there are many growers who plant by hand because they wish to check row their potatoes, and cultivate both ways. For this grower, the use of a cultivator with fertilizer attachment is a very practical method to apply fertilizer along the rows. This type of implement has been used to some extent in central Wisconsin, having been called to my attention by Mr. Harold Frost, an agronomist with one of the fertilizer companies. The practice is to plant the potatoes in the usual way, and then blind cultivate immediately to apply the fertilizer. The discharge tubes should be tied behind the first shovel of each gang, so that the bands of fertilizer are applied fairly close to the row, and mixed with the soil. The cultivator fertilizer attachment is inexpensive, and has a good deal to commend it for the small grower.

"Broadcast application of fertilizers can be made with any of the ordinary types of lime and fertilizer sowers. A difficulty likely to be experienced with many broadcast distributors is their lack of accuracy and uniformity of distribution, and their inability to apply small amounts per acre. Broadcast applications should be made before planting, and disced or harrowed to mix the fertilizer with the soil."

In closing, Mr. Jensen remarked that in the purchase of equipment to apply fertilizers for potatoes, he would advise anyone to observe the following:

"1. The distributor should apply fertilizer properly, avoiding direct contact with the seed, or placement either directly above or directly below the seed.

"2. The distributor should have an accurate feed, that will apply uniformly at either low or high rates of application.

"3. The feed should be capable of easy adjustment and accurate setting.

"4. For potatoes, a distributor should be able to apply as low as 200 pounds per acre and as high as 1000 pounds per acre.

"5. The hopper should be large enough so that frequent refilling is not required.

"6. Agitators should be provided in the hopper to prevent bridging and allow full feed whether full or nearly empty.

"7. The distributor should be accessible for easy cleaning and emptying. This is an important feature."

### A FRUIT GROWER'S CREED

Realizing that my profit from my orchard is the last thing to come out of my returns, after I have paid all my expenses of every kind, I resolve that I will do all that I can to increase my profit margin.

I will get the biggest possible crop by proper pruning, thinning, cultivation and fertilizing. I will get the highest market prices by producing the finest quality. I will not tolerate scale marks, stings, scab spots, or any other blemish which can be avoided by proper and thorough spraying.

I will not skimp on the number of sprays that I apply, on the thoroughness with which I apply them, nor on the spray materials to do the work most effectively. I will put the quality of my fruit ahead of other consideration. And, since quality depends more upon proper spraying than on any other factor, I will select my spray materials solely and absolutely on the basis of their proved efficiency.

All of these things I resolve to carry out so long as I remain a fruit grower.—The Spray.

Consumers restrict their thinking to western grown tubers when buying potatoes are mentioned. These western producers have done a good job of selling and are reaping a fine reward.

But Michigan may get in on some of this money. Tests in this state demonstrate that all the baking qualities ever put into a western grown tuber can be had in Michigan grown potatoes. Several hundred bushels were successfully produced last year by F. W. Johnson of northern Montcalm County, and other Michigan growers have met with success in this direction.

These practical tests call for prompt and careful plot and field work to the end that Michigan potatoes to growers may early enjoy the premiums that consumers of good baking potatoes are willing to pay.—Michigan Farmer.

## Guy Eppler Talks Of His Trip To Prince Edward Island And Maine, During Summer

(Continued from page 1)

the hills and valleys were covered with evergreen forests, which were being cut into pulp wood and floated down the river to paper mills. We arrived at the village of St. Leonard, New Brunswick, at 9:00 a. m., where we were greeted by a band and also met by 150 automobiles from Aroostook County, Maine. These Maine Potato Growers conveyed



GUY EPPLER

us across the St. Johns River into the United States at Van Buren, and gave us a tour of 105 miles through Aroostook County, Maine's best potato section. The country is flat to rolling, and we saw large farms and fine roads with tremendous fields of potatoes on either side. The thrift and prosperity of the growers was shown by well kept farms and homes, good horses, and well kept machinery.

After stopping at several potato fields, we proceeded to Fort Fairfield, where we were given a royal welcome by the Aroostook County Growers and greeted by Governor Gardner. After being served an excellent dinner the party went to the United States Department of Agricultural Experimental Farm at Pres-

que Isle, where Dr. Shultz outlined the experimental work. He emphasized the importance of keeping the fields of good seed away from the fields that are badly diseased, because of the spread that takes place through insect carriers. What impressed me on this farm was that where they sprayed eight or more times with a high pressure sprayer, using three nozzles to the row, there was no blight. Blight had been very noticeable in most of the fields we had passed. I had been told by our driver that two or three sprayings with one nozzle to the row was the common practice.

Cropping methods used in a general way by Aroostook County Potato Growers consists of a 3-year rotation of oats, clover, and potatoes. The clover is cut about July 1st and left on the fields and plowed down to a depth of five inches. Just before freezing time, it is again plowed to a depth of seven inches and as soon as possible in the spring, it is again plowed to the depth of seven inches, double harrowed, and planted. The potato seed, about 25 bushels per acre, is all cut before planting time, treated with sulphur dust and planted with seed pieces placed one inch below the level of the ground. Nothing is done to the field until the sprouts emerge when it is cultivated and the plants covered. As soon as the plants emerge again, they are again covered, and when from five to six inches tall, they are killed with scrapers. This operation is repeated two, three or four times, depending on the conditions. Fertilizer analyzing about 5-7-10 is all applied in the row at the rate of 2,000 pounds per acre.

At about 5:30 in the afternoon we returned to our train and started at once on a trip of several hundred miles through New Brunswick. Early



### POTATO CANDY

This easily made and interesting confection admits a number of easy variations. A large amount of the foundation dough may be prepared and a variety of candies made by changing the flavor and treatment.

Mash enough freshly boiled potato to make a cupful. Be sure to remove all lumps and have the potato perfectly smooth. While it is still hot, stir in two pounds of confectioner's sugar. This should make a dough of proper consistency for rolling or shaping into balls.

Part of the mixture may be flavored with vanilla rolled into small nut-like balls with a nut meat, pressed into the top of each. A sprinkling of granulated sugar gives a pretty effect.

Another way is to conceal on the inside of the candy balls, nut-meats, candied cherries, or other fruit. Malaga grapes are tasty with vanilla flavored candy foundation.

A bit of vegetable coloring is also attractive. A delicate green or pink is pretty.

### POTATO AND BEAN BUTLETS

1 cup rice potato  
1 cup rice lima beans  
1 can pimientos  
1 cup bread crumbs  
Mix thoroughly and salt to taste. Form into shapes to look like cutlets. Dip into beaten egg and sprinkle with bread crumbs and bake in a moderate oven until slightly brown; turn carefully and brown on the other side. Serve with a tomato or cheese sauce.

### Cheese Sauce

2 tablespoons fat  
2 tablespoons flour  
1 1/2 cups milk  
1 cup grated cheese  
Brown the flour in the melted fat, add the milk and cook for five minutes, and add the cheese. Remove from the fire and stir until the cheese is melted.

### POTATOES A LA SCRABBLE

Into a hot pan, place two tablespoonsful of butter. In this, brown one small minced onion and add two cups of cold, sliced potatoes. Beat two egg yolks and spread over the top. Serve when brown on both sides.

### RAGOUT POTATOES

Melt two tablespoonsful of fat in a stew pan, slice two onions into it, and fry until a light brown. Stir in one tablespoonful of flour and one pint of meat stock. Season, and add four cups of sliced raw potatoes. Cover and simmer slowly until the potatoes are cooked.

### Variations: A cup of minced corn

beef, dried beef, or ham makes this a good one-dish meal.

### NORWEGIAN POTATOES

2 cups raw diced potatoes  
1 cup raw diced carrots  
1 small onion  
1/2 tablespoon salt  
5 tablespoons butter or fat  
Saute the onions in half of the fat, then add carrots, potatoes, and sea-

soning. Stir well, then put into a greased baking dish with enough water to come to the top of the vegetables; cover and cook until tender, then drain off water, if any, add rest of butter, and let brown, uncovered.

### POTATO TEA CAKES

2 cups grated raw potato  
1/2 cup shortening  
1 cup milk  
4 cups flour

Salt  
Mix potato and flour, and rub in shortening. Add seasoning and then add milk, and roll to one-half inch thickness. Cut out as for large biscuits and bake in a hot oven until a golden brown. Split, butter, and serve very hot. These are excellent with cold meat.

### Variations: Add half-cup currants

### POTATO ALLEMANDE

3 cups boiled diced potatoes  
1/2 cup butter  
1 tablespoon chopped onion  
3 canned pimientos  
Salt  
Pepper  
Parsley  
Cook the chopped onion in the butter, add the pimiento, cut in small pieces, add the hot diced potatoes. Stir until well mixed and turn into a serving dish. Cover with allemande sauce and sprinkle with chopped parsley.

### BAKED APPLES A LA Russe

1 cupful sugar  
6 medium sized apples  
1/2 cupful red jelly  
1/2 cupfuls water  
2 tablespoonsful lemon juice  
Whipped cream  
Cook together the sugar and water for five minutes. Cut off a slice at one end of each apple and scoop out as much of the center as possible, leaving deep cup-like shapes. Place the apples in the syrup and bake at 400 F. in a covered casserole until the apples are tender. Be careful that they do not become broken.

Meanwhile cook the pulp of the apples with a portion of the syrup and the lemon juice until soft enough to be rubbed through a sieve. To the smooth, velvety pulp add the rest of jelly and beat until well blended. Cook the cooked apple cases, fill with the mixture, then chill thoroughly and top with whipped cream. Serve with plain cream and syrup with which apples were baked as a sauce.

### APPLE CORNMEAL PUDDING

1 cupful cornmeal  
1 teaspoonful salt  
Syrup  
3 1/2 cupfuls boiling water  
3 cupfuls apples  
Cream  
Combine the cornmeal and boiling water and place in the top of a double boiler. When blended together, add the salt and apples, which have been previously pared, cored, and cut in eighths. Cook covered for two or three hours, stirring occasionally. Serve with syrup or molasses and top milk or thin cream.

The Potato Show Association wishes to express their appreciation for the splendid cooperation given by the newspapers in getting information concerning the Show to the readers of the Top O' Michigan.

Not only have they devoted many columns of news weekly but the orders for this supplement have exceeded any previous year.

A total of 25,000 supplements were printed, all but 700 going to the readers of the Top O' Michigan.

The following newspapers are using this supplement:

Alcona County Herald  
Alcona County Review  
Alpena News  
Antrim County Record  
The Boyne Citizen  
Cheboygan Observer  
Cheboygan Tribune  
Crawford Avalanche  
Charlevoix Courier  
Charlevoix County Herald  
Central Lake Torch  
Emmett County Graphic  
Ellsworth Tradesman  
Montmorency County Tribune  
Mancelona Herald  
Oscoda County News  
Oscoda County Herald Times  
Onaway Outlook  
Petoskey News

B. E. Musgrave, County Agricultural Agent of Kalkaska County, is using 400 to circulate to farmers in his county.

Thursday morning our train was ferried across the North Umbriel Strait (nine miles) to Prince Edward Island. Arriving at Emerald Junction, we were met by a delegation of potato growers from the island, and welcomed by the Premier of the Province, Hon. William M. Lea. We were then taken on a tour of this island, which is about 134 miles long and 4 to 35 miles wide, and lies in the Gulf of the St. Lawrence, just north of Nova Scotia. Here we found land that is flat to rolling, soil that is red and of a sandy loam and farms averaging about 80 acres, where diversified farming is practiced. We traveled many miles in good graded roads and visited several Irish cobbler and Green Mountain potato fields. We saw potatoes growing where it seems conditions must be ideal. The large healthy plants had wonderful foliage with large flat leaves and with blossoms that at a distance resembled a field of buckwheat in full bloom. We then proceeded to Summerside, one of the largest towns on the island.

The usual cropping method practiced in growing potatoes on the island is to follow a 4-year rotation of oats, clover, pasture and potatoes. The pasture is plowed to a depth of four to six inches in the fall after an application of 10 tons of manure.

During the spring the ground is harrowed three times and planted 35 inches between the row and 12 to 14 inches in the row. Planting is done between the 1st and 10th of June, at the rate of 17 bushels per acre. Fertilizer analyzing 4-8-7 is applied in the row at the rate of 1600 to 2000 pounds per acre. After the plants emerge, the fields are given a cultivation and the plants covered. This is later repeated, tillers being used only one time. It is the practice to spray up to five times, carrying up to 200 pounds pressure with a 6-6-50 bordeaux solution. The digging season starts October 1st and the yield averages approximately 200 bushels per acre. Most of the potatoes grown on the island are grown for seed. In 1929 over 2000 cars of certified seed were marketed, these being shipped to Canada, New England, Long Island, New Jersey, Virginia and Carolina, and Florida. In the early evening we ferried across the Strait to New Brunswick and the next morning found our special train traveling in the valley of the St. Lawrence, where we saw long narrow farms of the French Canadians. The St. Lawrence river with its many islands was also very interesting. We arrived at Levis and were ferried across the St. Lawrence river to Quebec, where we were given a sight-seeing tour of this old historic city. We left Quebec in the evening and during the night our car left the special train. The following morning found us on our way to Niagara Falls, where we spent several enjoyable hours. We arrived at Youngstown, Ohio, which was the end of our tour, on Saturday at 9:00 p. m.

Mr. Eppler won the Top O' Michigan Master Potato Grower Contest in 1929 and was given \$100 to pay expenses on this trip.

### HOT POTATO SALAD

Cook six potatoes in their jackets. Remove skins and slice thin. Place potatoes in a casserole. Season and add a cupful of cut celery, a teaspoonful of chopped onion, and a tablespoonful of chopped chives. Add four tablespoonfuls of vinegar. Cover and heat thoroughly.

Modern scientific farming produced a new American record yield of 1,145.17 bushels of potatoes per acre last fall by L. G. Schutte, prominent local farmer of Montcalm County, Colorado, and San Luis Valley potato king in 1929.

Methods used by this former Chicago market gardener and World War veteran, who came to the San Luis Valley in 1919, are attracting widespread interest among Colorado farmers. Grand Rapids Press.

Name Given Plain  
A "plain" potato is a plain potato at the foot of the potato.

Editor and Proprietor:

NUMBER 47

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lay and Friday, Nov.

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In

ARDON MY GUN

and Monday, Nov. 16-17

say &amp; Reginald Denny

THREE FRENCH

GIRLS

and Wednesday, Nov.

18-19

hiting &amp; Marion Nixon

In

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### ON TOP

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## TOP O' MICHIGAN



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Like the seal on a bond or the signature on a check, V-C's name on a fertilizer bag means "Good." V-C fertilizers pay face value in full.

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A name—Virginia-Carolina Chemical Corporation. But what a good old name! No wonder you welcome it on a V-C bag, for you know that name is inside too.

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Factories and branch offices at convenient points  
Ask V-C's Service Bureau at Richmond for free advice or help on any problem of soil management.

TRE

YEAR



FAST TEAM PRE  
DICTED FOR 6

Another Grayling High School team is in the prospect of an aggregation that will be worthy successor to other of which the green and white entered to the opposition. A well over thirty aspirants honors works out daily in careful observations of Coachman, learning the fundam the game.

As yet it is far too early suggest what the lineup the into action may be. There is royal for positions going on petition that gives promise throughout the season. It is at this time to predict but on ty. There will be a second try will give the first string battle in practice, and its will constantly be pressing ulars for positions in the 1 present the squad is rough into two groups. There is exchange of personnel betw two now, but as time goes one squad will represent ers who will bear the brunt burdens in competition. N groups are working on the mental of basketball, v thorough knowledge of v team can hope to go far, spent on shooting, passing, generally learning control of situations. The opening g schedule is still about a mo-

One way and another Gra a number of players who a year's team such a succe nalia, Emery, May and Koly uated, all letter men. Lat center Harrison are not it though there is a chance former will be back for seco ter competition. Of the k Coach Cushman has only Sheehy and Billy Harrison l ever a number of last year team should be ready for fight for positions. Jack SanCartier, Guthrie, Doskos, Dawson, and Corwin, all go of battle and should be in of the scrap for positions. the second team played so games and these men got re ence. Besides the players here there are some new may be heard from and t plicate things considerably. There is confidence on it that this year's team will b heat and a team that won't is pretty hard to subdue, no reason for over-confidence for a difficult schedule has ranged. Coach Cushman little for the future except ing team: That's going to 1

CHEVROLET TO INT  
NEW CAR

Cleveland, O., Nov. 3.—De surance that Chevrolet will a new car for 1931 on Sat revealed here today during ing by Chevrolet factory o the first of fifty dealer me be held in the next fiv throughout the country.

Included in a carload of e brought in for the meetin new car substantially bigger current model, and e changed in appearance.

Although the meeting w

Potato Dealers  
Growers MeetingDISCUSS COMMON PROBLEMS  
TO IMPROVE GRADING  
AND SELLING

One of the most interesting sessions held in connection with the Potato Show was the Dealers Meeting presided over by Mr. Sam T. Metzger of Greenville, one of Michigan's pioneer and foremost potato shippers.

Indicative of the general purpose of the Show, as set forth by its sponsors at its inception, the problems of the potato industry were frankly discussed by representatives of all agencies interested in this business. After the growers had expressed their views, the dealers pressed their views, the point of view was ably brought out by Mr. Metzger and to the surprise of some, they found that they were on common ground. Mr. Frank Ishbee of the Detroit Terminal gave an interesting description of this new terminal and then proceeded to demonstrate that even his problems were identical with those of the grower and the dealer. To make the meeting unanimous, Hon. H. E. Powell, Commissioner of Agriculture, and Prof. H. C. Moore of the Michigan State College, could do very little except emphasize the importance of these same problems as viewed from their respective fields. The entire message revolved around PROPER GRADING, ATTRACTIVE PACKAGES, QUALITY OF ARTICLES, GOOD STORAGE, AVOIDING FIELD FROST AND ADVERTISING. These points were stressed again and again and the importance of them were summarized very plainly in Mr. Metzger's closing remarks.

He said: The dealers and shippers of potatoes are endeavoring to conduct a good legitimate business, giving a square deal all around. It is our wish to give the buyer as good or better stock than he thinks he is purchasing and also pay the farmer the utmost that the market will stand. To be able to do this, there are, however, a few important points which must be considered more closely such as storage, quality, quantity, warehousing, and loading of stock. The proper construction of bins, the segregation of diseased and slightly out of grade stock, proper heating, and proper ventilation, etc., are perhaps the most important factors to bear in mind in connection with storage, or a considerable shrinkage will occur.

In regard to quantity, Michigan is in a geographical position to supply markets which consume 30,000 carloads, in all of which we have a distinct advantage over any other shipping point. Michigan's production for the past two years has been so far below this figure that we have not been even the slightest factor in determining the national potato market. Its production in the seven years preceding 1928 averaged 17,200 carloads as against 6,000 carloads in 1929. This has not been due to a reduction in acreage—you growers did your part—but on account of the weather man.

We are at present showing status to ship from 30 to 50 cars daily right into our Detroit market while the industry in Michigan has dwindled to a point where Maine, Idaho, Wisconsin and Minnesota have also come into our markets. We were unfortunate this year in that the continued drought shortened what would otherwise have been a more representative crop than has been grown in a good many years. It is the wish of the Michigan shippers that a gradual increase in acreage and yield per acre would be inaugurated to such an extent that Michigan will regain her position as a premier potato growing state.

Quality is always a paramount consideration in any commodity. It is improving in Michigan each year as regards potatoes. This has been accomplished mainly thru the efforts of the growers, and, in particular, by the College. Potato Shows like this one do a great deal of good along these lines in the advancement of the potato industry.

With the team work displayed at this meeting, there is no doubt but that great strides will be made by the Michigan potato industry during the next few years, according to Mr. Moore. Since the prosperity of all agencies is centered around the solution of the same problems, it is very opportune that this Potato Show should have brought them together to launch a concerted campaign.

Mr. Fred Hiest, Manager of the Michigan Potato Growers Exchange, gave a brief discourse and endorsed most heartily the idea of working together towards this common end.

Carl Cetas Won the Ford Hardware Free Trip to 'Chi' in Nov.

Carl Cetas of Good Hart, Emmet County, was the winner of the trip to the 4-H Club Congress at Chicago, offered by the Ford Hardware Co. of Gaylord and the Saginaw Branch of the International Harvester Company.

This contest was open to all members of 4-H Potato Clubs in the Top-O'-Michigan who met the following requirements: 1. Must have been at least 15 years of age. 2. Must have been a second-year club member. 3. Must have exhibited one peck of potatoes at the show. 4. Must have submitted a report on the exhibit. Award was made on basis of report and story, forty points; Exhibit at Show, forty points; and Interest in Club work, twenty points.

Carl is 19 years of age. This is his third year of Potato Club work. Last year, although every other member of his club dropped their work, he decided to continue. Carl comes from a community where no other type of boys' work is carried on.

Carl grows both certified seed and table stock and carries on several types of experimental work for his own benefit. His report in brief is as follows: Fall plowed land better than spring plowed. Potatoes were better where fertilizer was used. Spraying seven times was very beneficial. Profit from certified seed was greater than from table stock.

Carl expects to grow more potatoes next year and then enter Michigan State College next fall.

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Economy and Equal-  
ization Are Michigan's  
Present Tax Needs

(Continued from page 1)  
every outgoing public dollar is scrutinized to determine whether it is spent in full compliance with the law and according to the budget for which it was raised.

"There must be no more passing the buck back to the local districts," remarked Mr. Newton. "School, highway, and other services now paid for largely by local taxation are of primary benefit to the whole state."



R. WAYNE NEWTON

Much of the present excessive taxation in the hardest hit localities results from state laws that require more taxation than the districts can afford. If better roads, streets, and schools are a state problem, then the legislature which sets out to provide them should also provide for their financing on a basis that will equalize the costs of what the State demands or needs along these lines.

"Our present laws restrict the field of taxation so that too many people avoid making direct payments to government in proportion to their ability. This condition promotes extravagance since many people pay taxes who fancy they are escaping. Everyone pays taxes in some amount whether he knows it or not. Taxes are paid at the grocery, the railroad station, the dry goods store, the bank and to the landlord. No small part of the cost of many articles and services is added on because of taxes already paid by the seller or those who sold to him. It would be a wholesome influence if all persons could pay more of their taxes directly and less of them indirectly."

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Six Hundred Three Ex-  
hibits Potatoes - Apples  
at Eighth Annual Show

(Continued from page 1)  
Certified Seed

In the Russet Rural Class first place was won by Elias Luesing of Levering; second, J. D. Robinson of Pellston; third, Harry Behling of Boyne City; fourth, John Soderman of Crystal Falls; fifth, Frank A. W. Behling of Boyne City; sixth, F. E. Wyrick of Alanson; seventh, Reiner Bros. and Hopp of Hawks; eighth, Pearl Banter of Pellston; ninth, Andy Novinger of Wolverine; tenth, George Coultres of Gaylord.

In the Irish Cobbler Class first place was won by J. D. Robinson of Pellston and second place by Fred Brudy of Wolverine.

Baking Potatoes  
In the Baking Classes first place was won by Harry Behling of Boyne City; second, Victor Koronka of Gaylord; third, Hugh Campbell of Gaylord; fourth, George Skilton of Gaylord and fifth, Warren Gingell of Johannesburg.

The best individual Potato was exhibited by Harry Behling of Boyne City.

Sweepstakes exhibit at the Show was won by Frank Guy with his peck of Russet Rurals.

In the 4-H Club Exhibits first place was won by the Five Lakes Potato Club of Gaylord, second, East Jordan Club; third, Alba Spud Growers of Alba; fourth, Lark Lake Potato Club of Pellston; fifth, Van Potato Club of Van; sixth, Hayes Potato Club of Gaylord.

In the Smith-Hughes Classes first place was won by the Alanson High School; second, Harbor Springs High School; third, Boyne Falls High School; fourth, Mancelona High School; fifth, Onaway High School; sixth, Bellaire High School.

Junior Open Class  
In the Open Classes for members of 4-H Clubs and Smith-Hughes Students only, first place was won by Emery Rotter of Alanson; second, Albert Cetas of Harbor Springs; third, Gwendon Hott of East Jordan; fourth, Lyle A. Jenkins; fifth, Carl Widiger of Gaylord; sixth, Albert Omerland of East Jordan; seventh, Russell Skilton of Gaylord; eighth, Ray Warner of Gaylord; ninth, Richard O'Reilly of Alanson; and tenth, Clifford Drier of Van.

In the Junior Class of any other variety than Russet Rural first place was won by George Sneathen of Charlevoix; second, Hugh Heynig of Harbor Springs and third, Ernest Schmidt of Alanson.

Junior Sweepstakes was won by Emery Rotter.

Apple Classes—Plates  
Homer Waring of Kewadin won first place in plates of McIntosh, Northern Spy, Stark, Delicious and any other Variety (King). He won third with Snow.

D. D. Tibbits of Boyne City won first in Wealthy and Wagner; second in McIntosh, Snow, Northern Spy and any other variety (Hubbardston). He won third in Wolf River.

P. B. Gillaspie of Cheboygan won first in Snow, Wolf River, and Jonathan. He won second in Wealthy and third in McIntosh, Northern Spy and any other variety (Tallman Sweet).

F. W. Crowl of Harbor Springs won second in Wealthy, Wolf River, Wagner, Golden Russet and Jonathan and third in Stark Delicious.

In N. W. Greening, Sam Hutzeler of Glenora won first; M. A. Fyenes of Lewiston second, and J. Fyenes of Lewiston third.

Martin Hansen of Kewadin won third in Wagner and Mrs. I. Ide of Petoskey first in Golden Russet. William Duncan of Spratt was third in Golden Russet.

Sweepstakes in plates was won by Homer Waring with McIntosh.

Apple Trays  
Homer Waring won first in McIntosh and any other variety (King). He won second in Snow and Northern Spy.

D. D. Tibbits won first in Wealthy and Wagner, second in Wolf River and third in McIntosh.

P. B. Gillaspie won first in Wolf River, Snow, Jonathan, and Stark Delicious, second in McIntosh, Wealthy, and any other variety (Wealthy Banana), third in Northern Spy and any other variety (Tallman Sweet).

F. F. Crowl won first in Northern Spy and Golden Russet, second in Wagner and third in Snow, Wealthy and Wolf River.

H. B. Elliot of Alden won third in Wagner and Mrs. J. Ide second in Golden Russet.

Sweepstakes in trays of apples was won by D. D. Tibbits.

Bushel Apples  
First place won by Homer Waring with McIntosh; second, P. B. Gillaspie with Wealthy; third, Martin Hansen with Wagner; fourth, P. B. Gillaspie with Snow; fifth, D. D. Tibbits with McIntosh; sixth, seventh, eighth, ninth by P. B. Gillaspie with Wolf River, Stark Delicious, McIntosh and Tallman Sweet, respectively; tenth, D. D. Tibbits with Hubbardston.

Special Display  
In the Special Display of 50 apples of any four varieties, first place was won by Homer Waring; second, D. D. Tibbits; third, P. B. Gillaspie; fourth, H. B. Elliot.

Fancy Pack  
In the class of Fancy Pack for special commercial trade, Homer Waring won first and second with

McIntosh and King. H. B. Elliot was third with Wagner.

Best Apple  
Homer Waring won the prize for the best apple in competition with twelve other exhibitors.

Special Prizes  
The silver loving cup offered by the Michigan Business Farmer (now Michigan Farmer) for the best pack of Russet Rurals was won by Frank Guy of Pellston.

The \$5.00 offered by the Otsego County Herald Times to the best individual sample in the Junior Department was won by Emery Rotter of Alanson.

The silver loving cup offered by the Michigan Central Railroad to the best 4-H Club exhibit was won by the Five Lakes Potato Club of Gaylord.

The Alpena News cup for best exhibit of potatoes from Alpena, Alpena, Presque Isle or Montmorency counties was won by Rudolph Klee of Hawks.

The Michigan State Farm Bureau special prize of \$150.00 of \$40.00 fertilizer was divided as follows: Rudolph Klee, 1,000 pounds; Martin Hasselman of Hawks, 500 pounds; Reiner Bros. and Hopp of Hawks, 250 pounds.

The silver loving cup offered by the Michigan Telephone Company was won by J. D. Robinson of Pellston.

The silver loving cup offered by the Michigan Show Association for best county exhibit was won by Presque Isle county.

The 1,000 pounds of Agricola fertilizer for potatoes, offered by the American Agricultural Chemical Co., was won by J. D. Robinson.

Every exhibitor who won a prize at this show receives a new or renewal subscription to the Michigan Farmer for one year.

Banquet Enjoyed by  
Over 300 Men and  
Boys on Thursday

The Annual Banquet, which is the high-light of the three days activities was held Thursday evening at 6:30, with Al Weber, editor of the Cheboygan Observer, as Master of Ceremonies.

Over 300 farmers, their wives and children, from all over the Top-O'-Michigan, were present to be entertained by the speakers and singers. A special table near the speakers' stand was reserved for the Kalkaska Board of Supervisors who attended in a body.

It looked like a long program when one viewed the talent assembled about the speakers' table, but by ten o'clock all was over.

Percy Taylor of the Federal Farm Board, Washington D. C., and H. W. Tomlinson of Bay City were the headliners, ably assisted by Miss Edna Smith of the Michigan State College, and the Honorable H. B. Powell, Commissioner of Agriculture at Lansing.

Mr. Taylor emphasized the importance of cooperation and the preparation of standard products of high quality and careful consideration of over production are factors in farm relief. He also told how the Federal Farm Board operated.

Mrs. Tomlinson, who is a wholesale seed distributor by profession, gave an inspirational talk stressing the value of more knowledge in our business activities.

The Brecheisen Bros., 9 and 11 years, of Bay View, gave several musical selections.

Mr. MacDonald, secretary of the Petoskey Chamber of Commerce, also gave a humorous talk on music. And last but not least, the Rainbow Quartette of the Pennsylvania Railroad sang many songs to the enjoyment of the audience.

The list of winners was announced by the Secretary and the special prizes presented by their donors or special representatives.

About the Show  
Moore and Livermore or Livermore and Moore were the judges in the potato classes. Often they sighed "are there any more?" They were told "there are More—and More". This show had the largest entry of potatoes in its eight years with 445. There were 124 entries in the open class of peck Russet Rurals.

The entire Board of Supervisors of Kalkaska County came over on Thursday. Kalkaska county is one of the newest members of the Association and we are glad to see this interest. There were twenty exhibits of potatoes from Kalkaska county.

H. C. Moore of Michigan State College, in charge of Seed Potato Certification, told the certified seed growers that there was about one-half the usual acreage of certified seed in the state this year and about one-half the usual yield.

The show was honored to have Honorable Herbert E. Powell, Commissioner of the State Department of Agriculture spent a few hours at the show. He arrived Thursday.

There must be rain for rainbows to appear. It rained most of Tuesday and Wednesday morning. Wednesday noon the Rainbow Quartette

Homemaking Is A  
Profession Which In-  
volves Many People

(Continued from page 1)  
food is not thought of as an end in itself but of in terms of right foods to provide abundant vigor and health.

"The home is not simply a lodging house where one goes to sleep, but it should be such that it provides complete relaxation, rest and recuperation. This is provided not only in comfortable beds, but with restful coloring of walls, arrangement of furniture and the lack of too many knock-knacks.

"The modern home is thought of as a place which emphasizes preparation for right living rather than a place for punishment for wrongdoing.

"The Home Economics Extension Department is now offering service to the farm women in Michigan in the following subjects:

Foods and Nutrition  
"Teaching how to select food in accordance with standards for health and growth, preparing it so that it will be appetizing and palatable and teaching the family the wisdom of a well-balanced diet are the phases presented in this project.

Clothing  
"One of the greatest problems facing the farm women of today is how to clothe herself and family becoming increasingly and at a low cost. This service is helping to solve this problem by showing how to select materials wisely, how to choose ready-made garments and if she wishes, how to sew for herself and children.

Home Furnishing  
"The purpose of this study is to help make the home a place where people may live so as to get the fullest enjoyment from life—as how to make the home more attractive by arranging the furniture for restfulness and comfort, how to choose good backgrounds for the rooms as well as how to secure beauty and color through the addition of the right accessories.

Child Care and Development  
"For the most part this is taking the form of parent education. Mothers and fathers too, are studying to gain a better understanding of the child mind at different stages of his development and to acquire a greater knowledge of the psychology governing the formation of habits.

of the Pennsylvania Railroad appeared and sang songs of cheer. The weather cleared during early afternoon.

A. C. Lytle, who was secretary of the show for the first seven years, visited the show as a spectator. A. C. is now selling certified seed potatoes for the Potato Growers' Exchange.

The Michigan State College and the State Department of Agriculture had nice exhibits at the show this year.

The Cheboygan Daily Tribune gave a beautiful loving cup for the best exhibit of Certified Alfalfa Seed. This was won by Albert Dietz of Hawks. This is the first time alfalfa seed has been included and will likely be a yearly feature. This cup must be won three years for permanent possession.

APPLE PIE CONTEST  
First, Mrs. Percy Reed of Levering; second, Albert Sydow of Good Hart; third, Mrs. Benzer of Gaylord; fourth, N. H. Malone of East Jordan; fifth, Mrs. Arthur Ludlow of Petoskey. Awards of Merit were made to Mrs. Jack Holewinski of Gaylord; Mrs. Hannah Anderson of Petoskey; Mrs. Gezina Veenstra of Ellsworth; Mrs. Libke of Gaylord; Mrs. Frank Wyrick of Alanson; Mrs. M. Collier of Petoskey. The remainder of the 39 contestants received 50 cents each.

POTATO PEELING  
First, Mrs. W. H. Green of Gaylord; second, Mrs. Rutan of Vanderbilt; third, Mrs. Ernest Wegmeyer of Herron; fourth, Mrs. Bullimore of Vanderbilt; fifth, Mrs. F. Woodin of Gaylord; sixth, Mrs. R. Moorhead of Gaylord; seventh, Mrs. Jane Chapman of Gaylord.

POTATO JUDGING  
First, J. Fred Brudy of Wolverine; second, J. N. Bower of Hillman; third, Carl Dorrance of Indian River; fourth, Russel Vizina of Afton.

POTATO GRADING CONTEST  
First, Irwin Cole of Alanson; second, David Reiser of Hawks; third, Irwin Hopp of Hawks; fourth, A. N. McDonald, Millersburg; fifth, George Barrie of Hillman; sixth, Fred Reiser of Hawks; seventh, Rudolph Klee of Hawks; eighth, Ira Dunlap of Kalkaska; ninth, George Skilton of Gaylord.

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